In The Matter Of:

United States vs.
PFC Bradley E. Manning

Vol. 3

June 5, 2013

UNOFFICIAL DRAFT - 6/5/13 Morning Session

Provided by Freedom of the Press Foundation

Min-U-Script® with Word Index

		1
1	VOLUME III	
2	IN THE UNITED STATES ARMY	
3		
4	UNITED STATES	
5	vs.	
6	MANNING, Bradley E., PFC COURT-MARTIAL	
7	U.S. Army, xxx-xx-9504	
8	Headquarters and Headquarters Company,	
9	U.S. Army Garrison,	
10	Joint Base Myer-Henderson Hall,	
11	Fort Myer, VA 22211	
12	/	
13		
14		
15	The Hearing in the above-entitled matter was	
16	held on Wednesday, June 5, 2013, at 9:30 a.m., at Fort	
17	Meade, Maryland, before the Honorable Colonel	
18	Denise Lind, Judge.	
19		
20		
21		

DTSCLATMER
DISCULATME

This transcript was made by a court reporter who is not the official Government reporter, was not permitted to be in the actual courtroom where the proceedings took place, but in a media room listening to and watching live audio/video feed, not permitted to make an audio backup recording for editing purposes, and not having the ability to control the proceedings in order to produce an accurate verbatim transcript.

This unedited, uncertified draft transcript may contain court reporting outlines that are not translated, notes made by the reporter for editing purposes, misspelled terms and names, word combinations that do not make sense, and missing testimony or colloquy due to being inaudible to the reporter.

			3
1	APPEARANCES:		
2			
3	ON	BEHALF OF THE GOVERNMENT:	
4		CAPTAIN JOSEPH MORROW	
5		MAJOR ASHDEN FEIN	
6		CAPTAIN ANGEL OVERGAARD	
7			
8	ON	BEHALF OF THE ACCUSED:	
9		DAVID COOMBS	
10		MAJOR THOMAS HURLEY	
11		CAPTAIN JOSHUA TOOMAN	
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			

			4
1	INDEX		
2	June 5, 2013		
3			
4	WITNESS: JIHRLEAH SHOWMAN	Page	
5	DIRECT EXAMINATION	7	
6	CROSS EXAMINATION	25	
7	REDIRECT EXAMINATION	45	
8			
9	WITNESS: KYLE BALONEK		
10	DIRECT EXAMINATION	50	
11	CROSS EXAMINATION	101	
12	REDIRECT EXAMINATION	143	
13	RECROSS EXAMINATION	150	
14			
15			
16			
17			
18			
19			
20			
21			

1	PROCEEDINGS,
2	THE COURT: Before we proceed today I
3	received a letter dated 3rd of June 2013 with
4	letterhead entitled Freedom of the Press Foundation.
5	I've had it marked as an appellate exhibit. May I
6	see it, please? It is appellate exhibit 563 and it
7	is discussing a stenographer. It's a request
8	addressed to me and to Major General Linnington, the
9	convening authority, to allow a stenographer in the
10	media room.
11	Major Fein, what is the status of a
12	stenographer?
13	MR. FEIN: Yes, ma'am. Ma'am, the public
14	affairs office does have or did authorize the
15	stenographer per the court rules to be in the media
16	operations center, so long as the equipment, just like
17	all the other equipment that's authorized under the court
18	rules, does not do any recording.
19	THE COURT: So what you're telling me then is
20	there is a stenographer in the media operations center.
21	MR. FEIN: Yes, there is one authorized. I

```
have not confirmed whether this morning there is one, but
1
2
    there was one on Monday and Tuesday.
 3
                 THE COURT: All right. And if you could,
    just for the record, is the government aware, is the
4
    theater overflow room operational, is it necessary?
5
6
    Please just describe.
7
                 MR. FEIN: Yes, ma'am. As described on the
    first day, the theater as the overflow to the trailer
8
    outside the front door of the courthouse, which is the
    overflow of the actual courtroom was in use, although
10
    there are some technical difficulties at different times.
11
12
    As of yesterday, Your Honor, the theater is not being
13
    used any more, although available if needed because there
    is not an overflow of the trailer area outside of the
14
15
    courthouse.
                 THE COURT: All right. Thank you very much.
16
17
                 Is there anything else we need to address
18
    before we proceed with the trial?
19
                 MR. FEIN: No, Your Honor.
20
                 MR. COOMBS: No, Your Honor.
21
                 THE COURT: Government call your next
```

			7
1	witness.		
2		MS. OVERGAARD: United States calls miss	
3	Jihrleah Sh	owman.	
4	Whereupon:		
5		JIHRLEAH SHOWMAN,	
6	called as a	witness, having been first duly sworn	
7	according t	o law, testified as follows:	
8		DIRECT EXAMINATION	
9	BY MS. OVER	GAARD:	
10	Q.	And you are Miss Jihrleah Showman?	
11	A.	Yes.	
12	Q.	Could you state your city and state for the	
13	record?		
14	A.	Hamilton, Georgia.	
15	Q.	Are you currently on active duty?	
16	A.	No.	
17	Q.	And when did you come off of active duty?	
18	A.	June 26, 2011.	
19	Q.	What was your rank when you left?	
20	A.	Specialist.	
21	Q.	How long did you serve?	

			8
1	Α.	I served for four years and two months.	
2	Q.	And what was your MOS when you were on active	
3	duty?		
4	A.	35 Foxtrot.	
5	Q.	Were you ever assigned to Fort Drum?	
6	A.	Yes.	
7	Q.	When were you at Fort Drum?	
8	A.	March of 2009.	
9	Q.	And what unit were you assigned to?	
10	A.	Second Brigade Combat Team, part of the Tenth	
11	Mountain Di	vision.	
12	Q.	What section did you work in?	
13	A.	S2.	
14	Q.	What leadership responsibilities were you	
15	given when	you arrived there?	
16	A.	I was assigned as a 35 Foxtrot team lead.	
17	Q.	What does it mean to be a 35 Foxtrot team	
18	lead?		
19	A.	It means that I coordinate all taskings and	
20	all the res	ponsibilities of all the 35 Foxtrots below me,	
21	making sure	they're in the right place at the right time	

			9
1	in the righ	nt uniform.	
2	Q.	Do you know the accused in this case?	
3	A.	I do.	
4	Q.	How do you know him?	
5	A.	I was his team leader.	
6	Q.	Do you remember when you first met him?	
7	A.	It was in March of 2009.	
8	Q.	And how long were you at Fort Drum?	
9	A.	I was at Fort Drum approximately from March to)
10	October of	2009, and then following deployment until	
11	2011.		
12	Q.	And during this time how often did you	
13	interact wi	ith PFC Manning?	
14	A.	Every day during the work week.	
15	Q.	And did you ever discuss any non-work related	
16	topics?		
17	A.	There were times that we had non-work related	
18	conversatio	ons.	
19	Q.	And when was that?	
20	A.	That was typically anytime I drove him to any	
21	duty respor	nsibilities. I was, I drove him to locations	

- off of the actual brigade site and we would have casual conversation.
 - Q. Would you talk about social situations at all?
- 4 A. Yes.

17

18

- Q. And what did you talk about with regard to those social situations?
- A. Typically the conversations involved his topic of choosing. He talked a lot about liking to attend martini parties in the D.C. area, having multiple friends, influential status in politics or even in the Pentagon, then he would like to talk about how he loved shopping and working before he joined the military, working as a barista at Starbucks.
- Q. Did you ever talk about computers at all?
- 15 A. Yes.
- 16 Q. And what did PFC Manning say about computers?
 - A. He indicated to me that he was very fluent in anything computer. He spoke their language. There was nothing that he could not do on a computer.
- Q. Did he talk about, while you were deployed did
 he talk about anything specific with regard to the

- 1 computers you were working on?
- A. He indicated -- not necessarily the computers
- 3 we were working on, but the portals that we had to access
- 4 when we first arrived. We were having issues getting
- 5 access to some division portals. He indicated to me that
- 6 their passwords were not complicated and he can always
- 7 get through them.
- 8 Q. So you mentioned, you mentioned deploying.
- 9 When did you deploy?
- 10 A. Left Fort Drum October 11, 2009.
- 11 Q. And that was with 210?
- 12 A. Yes.
- Q. And where did you go?
- 14 A. We initially went to Kuwait where we stayed
- 15 for approximately two weeks, and then we went from Kuwait
- 16 to FOB Hammer, Iraq.
- 17 Q. When did you arrive in Iraq?
- 18 A. It was, I don't know the specific day, but it
- 19 was between the 25th and 28th, I believe, of October.
- 20 Q. And do you know when PFC Manning arrived?
- 21 A. It was the same timeframe.

- 1 Q. How do you know that?
- 2 A. We traveled together.
- Q. And then you said you were at FOB Hammer?
- A. Yes.
- Q. Where was that?
- A. That was in our brigade's AO, we were on the east side of Baghdad. I don't know the exact mileage on the east side of Baghdad, but we are in the middle of nowhere on the east side of Baghdad.
- Q. And where did you work when you were at FOB
 Hammer?
- 12 A. I worked at brigade headquarters which --
- Q. And did PFC Manning work in the SCIF with you?
- 15 A. Yes.
- Q. What unit did you replace when you got to FOB
- 17 Hammer?

- 18 A. It was 382.
- 19 Q. Was there a transition process?

brigade TOC and inside the SCIF.

- 20 A. Yes.
- 21 Q. And how long was that transition process?

1 A. It was approximately two to three weeks.

- Q. So when was 210 fully in control of the SCIF?
- A. I would say the first part of November, the first week, the first week or two of November.
 - Q. Why do units have the transition process?
 - A. To insure that there's no information gap, especially in the intel field, if they know information on the enemy location or anything like that that we need to know about as soon as our units start moving out, it's very important that we take on any information that they have gathered up until that point.
 - Q. What was the S2 mission when you were at FOB Hammer?
 - A. The S2 mission ultimately was to support the brigade, and the brigade's mission was to support Iraq, so with that said we gathered information from the Iraqis and our units on the ground and we were to facilitate good operational pictures for the brigade commander so he could assist the Iraqis as well as possible.
 - Q. Could you explain how the 35 Foxtrots were divided in the S2 shop?

- A. Yes. We were divided in Sunni and Shia groups.
 - Q. And why was the shop divided that way?

- A. Because a large majority of the enemy activity happened to be Shia, but we also had a strong Sunni population in that area, so there was a lot of communication happening between the Sunni, and so to prevent any type of confusion happening between products being made, they felt that it was better to divide certain amount of soldiers for the Shia and a certain amount of soldiers for the Sunni.
 - Q. And how many 35 Foxtrots were in the S2 shop?
- A. I would say there was probably 11. I would say there was probably not more than four working at one time together.
 - Q. Can you paint a picture for us of what a shift would look like for 35 Fox?
 - A. Yes. Typically we go in 30 minutes before the shift actually started because we had a shift change brief. During that brief the shift that was on would give an update on everything that was happening from

enemy position or anything that commander put down that we needed to work on that upcoming shift.

Following the shift change brief the analyst would partner up with their prior shift's partner and they would go over any products that had not been finished or any plans that needed to be taken care of during their shift or any deficiency they had had to include any enemy activity that took place during their shift.

And then following that partner up, the 35
Foxtrot would go ahead and start working on whatever
needed to be done, whether it was a product requested by
an officer or any kind of duties around the office that
needed to be taken care of, whether it was discarding
classified information or things like that.

During the shift, the 12 hour shift, they would be released for chow two times. Each chow break would run approximately from 30 minutes to an hour. The large majority of the deployment during your shift you're also released for PT. And then once a week would have commando time where you would actually have the whole

- 1 shift off for once a week.
- Q. What were the hours of those shifts?
- A. The day shift was 1000 to 2200, night shift
- 4 was 2200 to 1000 hours.
- 5 Q. And you said you would come a half hour early?
- 6 A. Correct.
- 7 THE COURT: What were the times again?
- 8 THE WITNESS: 1000 to 2200 and 2200 to 1000.
- 9 Q. Who was initially on the night shift?
- 10 A. The night shift was myself, at that time PFC
- 11 | Cooley and PFC Manning.
- 12 Q. Did you have a leadership role?
- 13 A. I did.
- 14 Q. And what was that?
- 15 A. I was the fusion night shift NCOIC.
- 16 Q. What did that mean?
- 17 A. That meant that I, any instructions that the
- 18 S2 had for the night shift, I was to facilitate those
- 19 products, or any activities that we needed to complete, I
- 20 was to facilitate the completion of those products. And
- 21 then the night shift NCOIC was responsible for doing

- assessments on a translated newspaper that was full of intel information from division.
- Q. Who did you supervise on that shift then?
- A. I supervised PFC Cooley and PFC Manning.
- 5 Q. How long were you on that night shift?
- A. It was approximately, approximately a month.
- 7 Q. And then what happened?
- 8 A. I was moved to day shift working in the 9 targeting section.
- 10 Q. What were you doing in the targeting section?
- 11 A. I was the targeting analyst. I worked
- 12 directly for Chief Hack.
- Q. And you're still an all-source intel analyst in that position?
- 15 A. Yes.
- 16 Q. So what are you doing?
- 17 A. I am still actually working in the fusion
- 18 cell, but I'm actually, instead of gathering a broad
- 19 spectrum of information of the intel field, I'm gathering
- 20 information on specific individuals, and then we would
- 21 take that information and send it to our Iraqi

- counterparts and help them facilitate missions to detain criminals.
- Q. Did you ever receive information from the other analysts in the shift?
- A. It was supposed to happen on an everyday
 basis, but rarely did it happen, but there was a couple
 of situations where they did communicate with the
 targeting.
- 9 Q. Did you ever receive any information from PFC 10 Manning?
- 11 A. There was probably one or two times where I
 12 did.
- Q. Did PFC Manning, do you know, stay on the night shift?
- A. He did not stay on the night shift. He was eventually moved to day shift.
- 17 Q. Do you remember about when that was?
- A. I believe it was, I actually believe it was
 before Christmas, so the December timeframe.
- 20 Q. And then did he move back to day shift?
- 21 A. Well, he stayed on day shift and then

- eventually he was moved back to night shift.
- Q. Okay. So night to day to night?
- 3 A. Uh-huh, yes.

- 4 Q. And when did he move back to night shift?
- 5 A. It was approximately the March-April timeframe 6 of 2010.
 - Q. What were the responsibilities of the night shift in particular?
 - A. The night shift's primary responsibility was to communicate with the ToC. Due to the safety concerns of our units on the ground being heightened by darkness, they communicated with the fusion cell more frequently to make sure that any intel information that had occurred in specific locations prior to that time that we fully communicated with them. They also monitored feeds directly from units on the ground to give them any intel that they needed at the time to help facilitate their mission, as well as any product that the S2 had requested from them to give to the morning shift change brief, they had to complete that as well.
- 21 Q. How was the day shift different?

- A. The day shift was different because there was not as much communication with the TOC due to the, just the up tempo, it was definitely different. So the day shift, their primary responsibility was product building for the actual brigade commander.
- Q. And you said before there was that half hour overlap?
 - A. Correct.

- Q. What happened during that half hour overlap?
- A. That was designated for the actual shift change brief, so both groups of analysts would come together, the targeting section would come together, the fusion OIC, the fusion NCOIC would all huddle around a projection screen and we'd go everything that happened the shift before.
 - Q. Who would go over everything?
- A. Each specific cell. So the targeting would go over what they had the shift before and what they need from their counterparts for the next shift. The Shia group would go over what they had. The Sunni group would go over what they had. And then the fusion cell OIC

- 1 would just do a general overview of everything.
- Q. Was each analyst briefing at these?
- 3 A. No.
- Q. Did the analysts ever brief?
- 5 A. Yes.

8

10

11

12

13

14

15

16

17

18

19

20

- 6 Q. How often?
 - A. Typically they would take turns, so if the officer, for example, there was an officer over the Sunni group, if she wasn't briefing she would have her 35 Foxtrot analyst brief, so they kind of flip-flopped.
 - Q. And you've talked some about the work product that 35 Foxes create, but could you tell us specifically what type of work products?
 - A. The most standard common work product would be a map population. So we would take raw information from whether it was Iraqi informants or Iraqi police or even our units on the ground, we would populate the map with whatever activities took place on that map. We would put any pertinent data on an actual Power Point presentation with a picture of that map and we would put any pertinent data to the information that we are identifying, and then

- 1 we would brief that.
- Q. How did you do that?
- A. We used the DCGS system. The DCGS system, the format has got gigs full of map information, and then we would use a Power Point presentation program to finalize
- 7 Q. Did you have any training on that DCGS system?
- 8 A. Yes.

the product.

- 9 Q. When was that?
- 10 A. That was before we deployed in the Tenth
 11 Mountain Division headquarters.
- 12 Q. Who did that training?
- A. It was a civilian that went to the T-SCIF of division. I don't recall her name, but it was a civilian contractor.
- 16 Q. But someone from DCGS?
- 17 A. Yes.
- Q. What, and when you're collecting that
 information from DCGS and the various databases on there,
 what information were you collecting?
- 21 A. Typically we were collecting locational data

- or specific cell information from the specific people 1 2 So we would go into different portals on the 3 SIPRNET, whether it was division or other units that had 4 been in the area before we were there, if they had any pertinent information and we'd use query something, we'd 5 6 use ArcGIS for the mapping and stuff like that. We would 7 just put together different pictures of what we kind of pieced together in that specific area and what the threat 8
- 10 Q. What type of, what network was that DCGS
 11 system on?
- 12 A. It was on the SIPR network.

looks like.

- Q. And that's a, what classification level is available on that?
- 15 A. The overall classification was secret.
- Q. And how did you treat that material?
- A. We treated it like the sensitive material that it was. Anything that entered the computer and came out of the computer was therefore classified as secret.
- Q. What if it wasn't marked?
- 21 A. If it wasn't marked, it had to be either

- 1 classified as secret or destroyed immediately.
- Q. And why did you do that?
- A. We did that because that's what protocol is and that's what I was trained to do in analyst training at Fort Huachuca, Arizona.
- 6 Q. Have you had any other training?
- 7 A. Yes.
- 8 Q. What was that?
- 9 A. We almost biannually you receive updated
 10 training on different protocols and things like that, and
 11 every soldier that comes in the unit with a secret or a T
 12 or a TS clearance actually has to get read on in division
 13 headquarters and they are reminded of safeguarding
 14 information.
- 15 Q. Do you sign anything?
- 16 A. Yes.
- 17 Q. What do you sign?
- A. Well, initially you sign a non-disclosure
 agreement and then you sign different documentation
 promising that you will safeguard classified information.
- 21 MS. OVERGAARD: One moment, please.

1	No further questions.
2	CROSS EXAMINATION
3	BY MR. COOMBS:
4	Q. Specialist Showman, how are you?
5	A. Good, sir.
6	Q. Ms. Showman. I'm sorry. Got used to calling
7	you Specialist Showman.
8	I want to start off by asking you a few
9	questions about work productivity. You talked about at
10	one point you were Manning's supervisor?
11	A. Uh-huh, yes.
12	Q. And that was as team leader, is that correct?
13	A. Team leader, yes.
14	Q. And as a team leader you were responsible for
15	counseling him?
16	A. Yes.
17	Q. Basically notifying him whenever he had any
18	deficiency?
19	A. That, as well as monthly counselings,
20	identifying some of the positive things the soldier had
21	done in that month. And then some of the expectations

- 1 for the month following.
- Q. Okay. And with regards to counseling, those
- 3 would be things you'd actually write down, you'd go over
- 4 with the soldier and have them sign, correct?
- 5 A. Yes.
- 6 Q. When you were first deployed as well you were
- 7 his supervisor, you were the night shift supervisor?
- 8 A. Yes.
- 9 Q. And at that time you were the NCOIC?
- 10 A. Correct.
- 11 Q. But you were not a NCO?
- 12 A. No.
- Q. Had you gone to any leadership training by
- 14 that point?
- 15 A. No.
- Q. Do you know why you were given the NCOIC
- 17 position even though you were not an NCO?
- A. At that time we only had, we only had
- 19 (INAUDIBLE) was in and out of the FOB Hammer and then we
- 20 had one E5 working the day shift. Our other NCOs had not
- 21 arrived by that time.

- Q. Was there ever an NCO put over the night shift?
- A. I do believe so, but I couldn't verify that.
- The night shift became, people were covering it out of the night shift.
- Q. And you said that you left the night shift
 after about a month?
- 8 A. Correct.
- 9 Q. And that's when you moved down to the 10 targeting section with Chief Hack?
- 11 A. Yes.
- Q. So you don't have any personal knowledge as to
 what PFC Manning was assigned after you went down to work
 with Chief Hack?
- A. No, no personal knowledge.
- Q. Now, you had talked about PFC Manning's work
 product. Previously you had said that he didn't have any
 problems completing tasks when you were his NCOIC, is
 that correct?
- 20 A. Correct.
- 21 Q. So he completed tasks in a timely basis?

- 1 Yes. Α. 2 Now, you also talked about some of the Q. 3 conversations that you had with PFC Manning before the 4 deployment. Do you recall him sometimes talking about politics? 5 I do. 6 Α. 7 Q. And I believe you said he was very passionate about that? 8 9 Α. Yes. 10 You also heard him talk about government Q. issues? 11 12 Α. Frequently, yes. 13 Q. And he liked to debate with others in the SCIF 14 about U.S. government policy and broad spectrum issues? 15 Α. Yes. 16 Q. And you didn't engage in those debates very
- 18 A. I did not.

21

much?

- 19 Q. However, you would characterize PFC Manning as 20 being very political?

Yes.

A.

- Q. And I think you described him as being on almost kind of the extreme democratic side?
- 3 A. Yes.
- Q. Now, PFC Manning was an all-source analyst, is that right?
- A. Yes.

15

16

17

18

19

- Q. And as an all-source analyst, you were allowed to look at anything on the SIPRNET that was not password protected?
- 10 A. I wouldn't, I would not say that.
- Q. Well, I want to make sure we get your
 testimony correct then. Did anyone put out prohibitions
 for what you could not look at on the SIPRNET?
 - A. It was your responsibility to look at things that you knew you had access for. Just because you have a secret clearance doesn't mean you have access, legal access to visualize everything, to see everything that has a secret classification over it.
 - Q. Are you talking about kind of like the need to know aspect?
- 21 A. Correct.

- Q. So if you thought you had a need to know and you had the appropriate security clearance, there was nothing on the SIPRNET that you couldn't look at if you thought you had the need to know about?
- 5 A. If the mission demanded it, possibly.
- Q. All right. And did anyone in the S2 section
 ever put out a limitation as to a particular area or site
 on the SIPRNET that you should not go to?
- 9 A. Not that I can recall.
- Q. In addition to the SIPRNET you had what was called a shared drive, a T drive, is that right?
- 12 A. Yes.

2

3

- Q. And no one, did anyone in the S2 section ever put out any limitation as to what you could or could not look at on the T drive?
- 16 A. No.
- Q. Was there any training on what you could and could not look at on the T drive?
- 19 A. No.
- Q. And with regards to the T drive, my
 understanding was that was kind of a historical drive

- 1 where previous units would put stuff as well?
- 2 A. I honestly do not know where the information
- 3 came from for the T drive. I just know that our unit had
- 4 control of it during deployment.
- Q. All right. You went on the T drive?
- A. Yes.
- 7 Q. And you searched on the T drive, correct?
- 8 A. Yes.
- 9 Q. And I believe you found an Apache video on the
- 10 T drive, is that right?
- 11 A. Yes.
- 12 Q. And that was the Apache video charged in this
- 13 case?
- 14 A. Honestly, I'm assuming so. I haven't seen
- 15 what has been charged in this case.
- 16 Q. My understanding there were quite a few videos
- 17 on the T drive?
- 18 A. Yes.
- 19 Q. And when you found the Apache video on the T
- 20 drive, you and others, and I believe it was (INAUDIBLE),
- 21 Staff Sergeant Balonek and Chief Hack were looking at the

- 1 video?
- 2 A. Correct.
- Q. And over the next few days you had discussions in the SCIF about whether the video showed a camera or an RPG being held by somebody?
- A. I wouldn't say it happened over a few days, it was mainly while we were watching it.
- 8 Q. Was that only one day?
- 9 A. Yes.
- 10 Q. Okay. I'm sorry.
- So on that day that you were watching it you
- 12 had that discussion?
- 13 A. Yes.
- Q. Did you also debate whether the actions of the Apache crew were appropriate?
- 16 A. I don't recall us debating about that.
- Q. Now, at the time later on did Captain Martin ever come in and talk about the video?
- A. I believe that Captain Martin might have been part of the group that originally was watching it at my computer station, but I don't recall her coming in and

- 1 actually talking about what we had seen in the video.
- Q. Okay. I now want to ask a couple questions
- 3 about some of the products that you would do as a 35 Fox,
- 4 all right?
- 5 A. Okay.
- Q. You would, I imagine, take SigActs and create
- 7 work products for the S2?
- 8 A. Yes.
- 9 Q. And my understanding is PFC Manning worked on
- 10 that Shia crew and so did you?
- 11 A. Actually I did not. When I was the NCOIC I
- 12 didn't have a specific group focus. My responsibility
- wasn't actually either group. And then when I was in
- 14 targeting I focused directly on individuals.
- Q. All right. So PFC Manning worked on the Shia
- 16 group, correct?
- 17 A. Correct.
- 18 Q. And you supervised his work?
- 19 A. Yes.
- Q. Now, with regard to what the night shift was
- 21 doing, correct me if I'm wrong, seems they would get

- names and they'd request information and they'd get 1 2 information on those names?
- 3 Α. That's reasonable, yes.
 - And they would do that because the night shift Q. was a good time to do RFIs on names because you didn't have a lot of distraction?
 - That's fair to say, yes. Α.
 - And PFC Manning was also tasked sometime to do Q. statistical analysis where given a problem set to go find SigAct information on it and put it together in a chart or something?
- Within the boundaries of our area of 12 Α. 13 operation, yes.
- Q. With regard to that, then when he was done he 15 would have graphs or charts or something to show one of the officers? 16
- 17 Α. Correct.

5

6

7

8

10

11

14

18

19

20

21

Q. Now, the products that PFC Manning was working on that you were supervising during the night shift, they weren't designed to give commanders real-time information on the battlefield, correct?

- 1 A. Most of the time, no.
- Q. No. In fact, they were more kind of giving
- 3 information on various threat groups and perhaps future
- 4 issues that they might be dealing with?
- 5 A. On occasion that was requested, yes.
- 6 Q. All right. I now want to ask you a few
- 7 questions about the T-SCIF operations, okay?
- 8 A. Okay.
- 9 Q. When you were in the T-SCIF, did you ever see
- 10 analysts listening to music?
- 11 A. Yes.
- 12 O. And was this music ever listened to on a
- 13 DCGS-A machine?
- 14 A. Yes.
- Q. And where did the music come from?
- MS. OVERGAARD: Excuse me, Your Honor.
- 17 Relevance.
- 18 MR. COOMBS: Your Honor, we believe this will
- 19 help establish how the T-SCIF was run, what was allowed
- 20 and what wasn't allowed.
- 21 THE COURT: Overruled.

THE WITNESS: Can you repeat the question?

BY MR. COOMBS:

- Q. Sure. Where did the music come from?
- A. I actually don't know where the music came from. There was a large amount of music on the T drive that the S6 had approved at the time, so several soldiers actually listened to music on the T drive.
- Q. Okay. Now I'm going to follow-up on what you said there. You believe the S6 approved it?
- A. The S6 had control of the T drive, so I don't know where the music came from originally, but when we first got into country the music was on the T drive.
- Q. Okay. So I just want to make sure we have your testimony right. Are you saying the S6 approved the music?
- A. I misquoted. They never actually put out a document that says we approve this music. My personal opinion is I just assumed that they knew its existence.
- Q. Did you ever during the time that you were in Iraq ever hear from the S6 saying that music was not --
 - A. Eventually. Eventually they indicated that no

- outside sources would be placed on the T drive and that all music would be removed from the T drive.
- Q. You talked about some of your biannual training, do you remember that?
- 5 A. Uh-huh.
- Q. From your biannual training, did it ever teach
 you whether or not music was allowed on that SIPRNET
 computer?
- 9 A. I actually don't recall it being discussed
 10 specifically as music, no.
- 11 Q. So you don't know that answer?
- 12 A. No.
- Q. All right. What about movies, did you ever see movies being played in the T-SCIF?
- 15 A. Yes.
- Q. And what were these movies being played on?
- A. On a NIPRNET computer, on an unclassified
- 18 computer.
- 19 Q. And who brought in the movies?
- A. Multiple personnel brought in movies. I don't
- 21 know specifically who they were, but it wasn't just one

- 1 person.
- Q. And were movies prohibited in the T-SCIF?
- 3 A. No.
- Q. So they were permissible and you could bring in movies?
- A. Up until a certain point. Initially they were allowed in the T-SCIF.
- Q. And you said that up to a certain point. When
 were they not allowed?
- 10 A. When the brigade commander said no external
 11 media anywhere around any computers. At that point all
 12 movies that had been brought into the T-SCIF were
 13 destroyed.
- 14 O. And when was that?
- 15 A. That was approximately I would say February of
 16 2010, February, March timeframe. I don't know the exact
 17 date.
- Q. Were analysts allowed to play games on their DCGS machines?
- A. There were games on the T drive, so games that were on there analysts had played them.

- Q. When I'm speaking of games, it's actually kind of a video game that you play on the computer, right?
- 3 A. Yes.

9

10

11

12

13

14

15

16

17

18

- Q. And I believe one of them was Zooma, do you remember that?
- A. It was a ball, a little ball popping game.

 Yeah, I don't remember the name.
 - Q. And were games allowed on a SIPRNET computer?
 - A. It was never announced that you could play them, actually discouraged any type of playing of games during mission hours, but at that time I think we were under the impression that S6 was aware of them and -- I mean it was never declared that, yes, you can play these games.
 - Q. And if you can't tell me if you have the computer knowledge for this, just say I don't know this, but do you know if games, the video games being played were executable files?
- 19 A. No idea.
 - Q. Do you know what that term means?
- 21 A. No.

- Q. So with regard to other things, mIRC chat, did
 you ever hear of that?
- 3 A. Yes.
- Q. And do you know how -- first of all, did you have that on your computer?
- A. Yes.
- 7 Q. And did analysts need mIRC chat?
- 8 A. Yes.
- 9 Q. And what would you use mIRC chat for?
- A. We used it primarily to communicate with other units to include division, that was division's primary form of communication, and in order to communicate with
- our division counterparts we needed mIRC chat.
- 14 Q. And mIRC chat was on your desktop, right?
- 15 A. Yes.
- 16 Q. And then you would double-click it?
- 17 A. I don't remember, but we would open it
- 18 somehow.
- Q. All right. So you would, obviously you'd
- 20 click on it at some point?
- 21 A. Yes.

- And it would open? 1 Q.
- 2 Α. Yes.
- 3 Q. And mIRC chat got in your computer not by Mr.
- 4 Millman, correct?
- 5 No. Α.
- 6 Q. PFC Manning put it on your computer?
- 7 Α. Correct.
- And at the time that PFC Manning put that on 8 Q. your computer, were you his supervisor?
- 10 Α. No.
- 11 0. What was your work relationship with him at 12 that point?
- 13 Α. He was working, I believe he was working day 14 shift and I did not have the knowledge base to put mIRC 15 chat on my computer and I knew I needed it on my computer, so I went to the one guy I knew that had 16 17 extensive computer knowledge and that was Manning on the
- 18 shift at that time.
- 19 And at the time that Manning, PFC Manning put Q. 20 mIRC chat on your computer, did you believe that that was 21 against the user agreement?

- 1 A. No.
- Q. Why not?
- A. It was never informed to me that it was

 against the user agreement, and I knew that it had been

 put out that we needed it on all of our computers to

 communicate throughout the brigade and division.
 - Q. My understanding is the DCGS-A computers were being worked on by just Mr. Millman?
- 9 A. Correct.
- 10 Q. So that was the first analyst authorized to
 11 work on those computers, right?
- 12 A. Yes.

- Q. And yet you went to PFC Manning?
- A. Mr. Millman was not there, and I wouldn't call
 it working on my computer to put a program on my desktop,
 but, yes, I went to PFC Manning.
- Q. Okay. Now, you also talked about on direct that, I believe you said that Manning told you at one point he could get around passwords pretty easily?
- 20 A. Yes.
- 21 Q. What passwords were you talking about?

- A. Different portal passwords on the SIPRNET network.
 - Q. All right. And when he said that to you, did you -- what was your work relationship with him then?
- A. I do not, I actually don't remember whether I
 was working day shift or actually working night shift
 with him. I don't remember what my work relationship
 with him was at that time.
- 9 Q. I'm sorry. I might have misunderstood. I
 10 thought you said he told you that when you were still at
 11 Fort Drum.
- 12 A. No. It was in theater.
- Q. Oh, it was in theater he told you he could get around passwords?
- 15 A. Yes. Yes.

- 16 Q. So at that point did you counsel him?
- A. No. He was at that, if I was not the night

 NCOIC, he was no longer my soldier and no longer my

 responsibility to counsel. I was not the person standing
 around when he said that.
- Q. Did anyone say, wait a second, that's against

1 the AIP?

- 2 A. I actually don't remember.
- Q. Did anyone say anything in response to Manning saying I could get around that password?
 - A. I believe that there was discussion. I don't know matter of factually.
 - Q. Okay. Now, you talked about the biannual training that you got. Can you tell us about that a little bit more? What was that training that you got?
 - A. Typically it was computer based training, so you were required by S6 to update this training, and what this training was was it was kind of just a compilation of different information on how to safeguard information, how to prevent hackers from accessing different computer systems and things like that. Primarily the foundation of this training was to insure that any classified information wasn't reaching parties that it should not have been reaching and that you were not being -- that you were safeguarding your information on these computer systems.
 - Q. All right. Have you taught this training?

- 1 A. It was on the -- we had to -- it was on the 2 computer, so I'm assuming the actual Army.
- Q. All right. So you're talking about the standard training that people have to complete in order to keep their access to computers?
- A. Yes.
- Q. So we're not talking about an actual somebody coming down and training you?
- 9 A. No.
- MR. COOMBS: Okay. Ms. Showman, I want to
 thank you. I don't believe I have any more questions for
 you.
- 13 THE WITNESS: Okay.
- 14 THE COURT: Redirect?
- MS. OVERGAARD: Yes, ma'am.
- 16 REDIRECT EXAMINATION
- 17 BY MS. OVERGAARD:
- Q. On cross you said that PFC Manning talked to you about politics.
- 20 A. Uh-huh.
- 21 Q. And then on direct you said he talked about

- 1 computers and what else did you say he talked about?
- A. He talked about social events, martini parties and shopping, things like that.
- 4 Q. Did he ever talk about the Internet?
- 5 A. Yes.
- 6 Q. And what did he talk about?
 - A. He actually told me, the first conversation we had driving in my car he told me that he had to make sure that he scrubbed the entire Internet of anything that involved him otherwise he would not be able to receive a security clearance and join the military.
- MR. COOMBS: Your Honor, I'd object.
- 13 Relevance.

8

10

- 14 THE COURT: What is the relevance?
- MS. OVERGAARD: One moment, please.
- 16 THE COURT: (INAUDIBLE).
- 17 MS. OVERGAARD: No, ma'am. That's the extent
- 18 of the question.
- 19 THE COURT: All right. I'll disregard it.
- 20 Go ahead.
- 21 MS. OVERGAARD: One moment, please, ma'am.

- 20 BY MS. OVERGAARD:
- 21 Q. So, again, he talked about his presence on the

- 1 Internet?
- A. Yes.
- Q. You mentioned the Apache video on cross as
- 4 well.

11

12

13

14

- 5 A. Yes.
- Q. When did you first see that?
- 7 A. I don't remember the time line, but I was 8 working directly for Chief Hack as the targeting analyst.
- 9 Q. And why did you watch it?
 - A. Chief Hack was grooming me to work as his targeting analyst for future deployments and he was explaining different weapon systems. We watched other videos involving different weapons systems, so he was talking to me about the process of communication with an airplane like that and how you would complete a mission.
- 16 Q. So it was for an official purpose?
- 17 A. Yes.
- 18 Q. Where was that located?
- 19 A. It was located on the T drive.
- Q. And where is the T drive?
- 21 A. It's -- I actually don't know how to explain

```
it. It's just a drive that the S6 controls, so you can
1
2
    access it through my computer on your secret system.
 3
         0.
                It's on the secret system?
 4
         Α.
                Yes.
                 MS. OVERGAARD: One moment, please.
5
                 No further questions.
6
7
                 THE COURT: All right.
                 MR. COOMBS: Nothing, ma'am.
8
9
                 THE COURT: Temporary or permanent excusal?
10
                 MS. OVERGAARD:
                                  Temporary, ma'am.
11
                 THE COURT: Ms. Showman, please don't discuss
12
    your testimony with anyone other than counsel and the
13
    accused while the trial is still going on.
14
                 THE WITNESS: Okay. Thank you.
15
                 MR. FEIN: And the United States requests a
    brief comfort break.
16
17
                 THE COURT: Ten minutes sufficient?
18
                 MR. FEIN: Yes, ma'am.
19
                 THE COURT: Court is in recess until 10:30.
20
                 (BRIEF RECESS.)
21
                 THE COURT: Is the government ready to
```

- 20 And what is your current MOS or officer Q.
- 21 specialty?

			31
1	А.	I'm a 350 fox and all-source intelligence	
2	technician.		
3	Q.	And that is a warrant officer?	
4	Α.	Yes, sir.	
5	Q.	How long have you been in the military?	
6	Α.	Since July of 2002.	
7	Q.	Has that been in the United States Army the	
8	whole time?		
9	A.	Yes, sir.	
10	Q.	And what was your original MOS in the Army?	
11	A.	31 Romeo, mobile transmissions system	
12	operator.		
13	Q.	What is that?	
14	Α.	It's a radio operator in the signal corps,	
15	sir.		
16	Q.	Okay. So you were a signal soldier?	
17	A.	Yes, sir.	
18	Q.	When did you become a 35 Fox?	
19	A.	In 2006 September.	
20	Q.	And when did you go to AIT?	
21	Α.	From May to September of 2006.	

And since I've mentioned 35 Fox, what is a 35 1 Q. 2 Fox? 3 Α. 35 Fox is an all-source intelligence analyst, 4 sir. And what does an all-source intelligence 5 Q. 6 analyst do? 7 MR. COOMBS: Objection. This is cumulative, Your Honor. 8 9 MR. FEIN: Your Honor, just to establish foundation for a --10 11 THE COURT: A little, I'll allow a little. We've heard it before. 12 MR. FEIN: Yes, ma'am. 13 14 BY MR. FEIN: 15 Q. Could you please answer the question? What does an all-source intelligence analyst do? 16 17 Yes, sir. An all-source analyst brings in 18 information from various sources, whether it was human, (INAUDIBLE) and makes it into one complete product to 19

Provided by Freedom of the Press Foundation

produce to the consumer, the commander or subordinate

20

21

units.

- Q. And what type of training did you receive to become a warrant officer in this field?
- A. Received training from information security to

 DCGS training to pattern and trend analysis to data

 mining, and you work on your briefing skills as well,

 sir.
- 7 Q. Is that as a 35 Fox or as a 350 Alpha?
- 8 A. They're both very similar, sir.
- 9 Q. And what formal training did you attend as an enlisted soldier?
- A. I attended a basic AIT course, 35 Fox, the
 BNOC source, I also took the tactical S2 course and I
 attended the master analyst course.
- Q. When did you attend the intelligence master analyst course?
- 16 A. From July to September of 2008.
- Q. And very short, what was the purpose of that training?
- A. Focused on analytical theories, a lot of DCGS
 training still. We worked briefing and presentation
 skills and we had some briefings from higher level

- agencies in other areas that could assist us in our analysis.
- Q. What was your last rank as an enlisted soldier?
- 5 A. I was a staff sergeant promotable.
- 6 Q. And for how long were you an NCO?
- 7 A. From September of '04 until August of 2010.
- 8 Q. And what happened in August 2010?
- 9 A. I was appointed as a WO1 in the United States
- 10 Army, sir.
- 11 Q. Do you have any education outside of the
- 12 military?
- 13 A. I have an associate's degree in business
- 14 administration, sir.
- 15 Q. And have you deployed before?
- 16 A. Yes, sir.
- 17 Q. How many times?
- 18 A. Four times, sir.
- 19 Q. And could you briefly describe the general
- 20 nature of those deployments for the court?
- 21 A. My first two deployments from '03 to '04 was

- with 440 signal battalion, mainly worked as a work team
 member doing line of sight communication.
- From 2005 to 2006 I was still with the 440th,
 I worked in the company orderly at that point. From 2006
 to 2007 I worked in the Second Brigade. And again from
- 7 Q. When did you first arrive to Fort Drum?

'08 to '10 as an all-source intelligence analyst.

8 A. October of 2006, sir.

- 9 Q. And what was your -- when to the best of your 10 memory did PFC Manning arrive at the Fort Drum?
- 11 A. It was late 2008, possibly September, sir.
- Q. And you just testified about going on your
 first deployment with the Tenth Mountain Division. When
 did that deployment end?
- 15 A. Late 2007, October.
- Q. So what did you do between, what was your job or your duty responsibilities between late October 2007 and until PFC Manning arrived?
- A. My primary responsibility was personnel security.
- 21 Q. And what was it to be the personnel security

- 1 manager, what did that mean?
- A. An additional duty appointed by the commander
- 3 that I was to assist all of the personnel in the brigade
- 4 headquarters with their security clearance, their
- 5 periodic investigations, any questions they had,
- 6 non-disclosure agreements and JPAS, JPAS, monitoring
- 7 their JPAS account.
- 8 Q. And what is JPAS?
- 9 A. JPAS is the joint personnel adjudication
- 10 system, sir.
- 11 Q. As what's it used for?
- 12 A. It's used to pull up individual's information
- showing when their clearance began, ended and when they
- 14 were granted a clearance.
- 15 Q. So as the personnel security manager, what,
- 16 when a -- let me rephrase this.
- 17 When a soldier arrived to the unit, which
- 18 unit were you the personnel security manager for?
- 19 A. For brigade headquarters, sir.
- 20 Q. So that's for 210 Mountain Brigade
- 21 headquarters?

1 A. Yes, sir.

- Q. So when a new soldier arrived, what was your personnel responsibility for their soldiers?
 - A. To pull them up in JPAS, verify if they have a clearance or not, open a JPAS, which is taking their profile and basically tagging it to our organization and having them sign the non-disclosure agreement that grants them local access to classified information.
 - Q. And what's required in order to have access to classified information?
 - A. To have a clearance for one to have a need to know and to have signed that non-disclosure agreement.
 - O. And how does one obtain a clearance?
 - A. Through filling out the SF 86, saying that you, so that you have an investigation done from the office of personnel management and have the clearance verified and granted by Army central clearance facility.
 - Q. And what is an SF 86?
- A. It's a standard form. It basically goes into your background, personal information, where you've lived, where you've worked, who you know, who your family

is, who your acquaintances and friends are.

1

8

10

11

12

13

14

15

16

17

18

- Q. So when a soldier arrives to, at least when you were the personnel security manager for the brigade staff, when a new soldier arrived at 210 Mountain, after you verified they had an appropriate security clearance granted, what occurred, what were you still responsible for?
 - A. To maintain and monitoring their clearance status. If it expired they needed to do periodic reinvestigation that required access to the forms.
 - Q. And you also testified a moment ago about a non-disclosure agreement. What is a non-disclosure agreement?
 - A. A non-disclosure agreement is a piece of paper that states how you will handle the classified material, who it belongs to and what could happen to you if it's disclosed to unauthorized sources.
 - Q. Does it have a standard form number?
 - A. It's a standard form 312, sir.
- Q. And what was your normal procedure when a soldier arrived in order to verify that they had a SF 312

- non-disclosure agreement on file?
- A. When a soldier in (INAUDIBLE), I give them an
- 3 non-disclosure agreement. They are to read the document
- 4 in full. I would give a brief synopsis of some of the
- 5 key points. Once they're completed and had no questions
- 6 they would sign the agreement and it was filed with all
- 7 the other non-disclosure agreements.
- 8 Q. Now, does a 35 Fox require security clearance?
- 9 A. Yes, sir.
- 10 Q. And does 35 Fox typically sign a
- 11 non-disclosure agreement upon entering the Army or AIT?
- 12 A. Yes, sir.
- Q. So why would one have to also fill out another
- 14 non-disclosure agreement when they show up to the unit?
- 15 A. Sir, the non-disclosure agreement is generally
- 16 for that particular unit. I myself have signed seven,
- 17 sir.

- 18 Q. Seven in how many years?
- 19 A. Eleven years, sir.
- 20 Q. And that procedure you just discussed, what
- 21 was your role after you briefed the soldiers about the

- 1 non-disclosure agreement?
- A. Was to keep that paperwork on file, sir.
- Q. Did you have a direct role on the actual form?
- A. No, sir. I did have to witness and sign that they did verify the information and signed it themselves.
- Q. And did you ever sign as a witness an NDA that
 you did not see someone sign?
- 8 A. No.
- 9 Q. Do you remember Private First Class Manning's non-disclosure agreement, the one he signed?
- 11 A. Yes, sir.
- 12 Q. And did you -- did Private First Class Manning
- 13 while at 210 Mountain have access to secret information?
- 14 A. Yes, sir.
- 15 Q. Did he have access to top secret information?
- 16 A. No, sir.
- 17 Q. But I thought most 35 Foxes had top secret
- 18 security clearance?
- 19 A. Yes, they had the clearance, yes, sir.
- Q. Why would Private First Class Manning not have
- 21 access to top secret information?

- A. Our top secret access is for when it's needed to know. At that time in our building we had no J-WIX terminal.
 - Q. Just jumping ahead to deployed, how much access did you have to top secret SCI information while deployed?
 - A. Very little. Only on a need basis when it came from that particular cell in our office.
 - Q. Did you have readily available, could you get to a computer system to pull the information?
- 11 A. No, sir.

5

6

7

8

9

10

21

- MR. COOMBS: Objection, Your Honor.
- 13 Relevance. He's not charged with any --
- 14 THE COURT: Relevance.
- MR. FEIN: Your Honor, the defense has
 actually established relevance with previous witnesses,
 having witnesses testify about that Private First Class
 Manning had other access to the information, to other
 classified information, so I'm just having Chief Balonek
 explain to the court about the procedures down range on

access to classified information and what type there is

- 1 and isn't.
- THE COURT: All right. Overruled.
- 3 BY MR. FEIN:
- Q. So did you have direct access to top secret
- 5 SCI information?
- 6 A. No, sir.
- Q. And then when you did get access, was it on a read and return basis?
- 9 A. Yes, sir.
- 10 Q. Explain please for the court what that means.
- A. Read and return, ma'am, would be you had a

 cell that had the access, they would either print this

 information or view it on their computer screen, and that

 information had remained in their secure area.
- Q. And was that true for Private First Class
 Manning and the other analysts?
- 17 A. Yes, sir.
- Q. What paperwork, going back to Fort Drum, what
 paperwork did Private First Class Manning need to
 complete in order to receive access to any of the
 classified information?

- 1 A. Aside from the non-disclosure agreement, sir?
- 2 Q. So a non-disclosure agreement?
- A. Yes, sir.
- Q. And did Private First Class Manning complete
- 5 that non-disclosure agreement?
- A. Yes, sir.
- 7 MR. FEIN: Your Honor, I am retrieving what
- 8 has been marked as prosecution exhibit 60 for
- 9 examination.
- 10 Your Honor, I'm handing the witness
- 11 prosecution exhibit 60.
- 12 BY MR. FEIN:
- Q. Chief Balonek, do you recognize this document?
- 14 A. Yes, sir.
- 15 Q. What is this document?
- 16 A. It is the classified information
- 17 non-disclosure agreement.
- 18 Q. How do you recognize this document?
- 19 A. It states it on the top, sir, and I've used
- 20 the form for a few years.
- 21 Q. And what is the date of this non-disclosure

```
agreement?
1
 2
         Α.
                 Sir, the date is 17 September 2008.
 3
         Q.
                Whose name is on the top of this?
                Manning comma Bradley.
 4
         Α.
                Who wrote that name on the top of the
 5
         Q.
    non-disclosure agreement?
 6
                I did, sir.
 7
         Α.
               How do you know that?
 8
         Q.
 9
         Α.
                It's my handwriting.
10
                And if you could please flip to page two, is
         Q.
    that your signature as a witness signing that
11
    non-disclosure agreement?
12
13
         Α.
                Yes, sir.
                  MR. FEIN: Your Honor, the United States
14
15
    offers prosecution exhibit 60 for identification into
    evidence as prosecution exhibit 60.
16
17
                  MR. COOMBS: No objection.
18
                  THE COURT: May I see it, please?
                  Prosecution exhibit 60 for identification is
19
    admitted.
20
                  MR. FEIN: Your Honor, I request permission
21
```

- 1 to publish prosecution exhibit 60.
- THE COURT: Proceed.
- 3 BY MR. FEIN:
- Q. Chief Balonek, is your screen working?
- 5 A. Yes, sir.
- Q. Now, Chief Balonek, you just testified that
 before any soldier who in process in your section S2
 personnel security that you would go over the
 non-disclosure agreement with that soldier?
- 10 A. Yes, sir.
- Q. Would you please explain the top part of this
 and what you would explain to each soldier as they
 processed, specifically Private First Class Manning? At
 the very top, what would you describe?
- 15 A. First paragraph, sir?
- 16 Q. Yes.
- A. Starting at the top, stated it's an agreement between individual and the United States pertaining to the classified information and for release and handling of it.
- 21 Q. And then if you look at the last sentence,

- paragraph one, could you please read that for the court?
- A. Yes, sir. It says I understand and accept
- 3 that by being granted access to special information,
- 4 confidence and trust shall be placed in my by the United
- 5 States government.
- Q. And what did you explain to individuals,
- 7 specifically PFC Manning, about that sentence?
- 8 A. That this is just what it reads, sir, that
- 9 it's the trust being placed upon you to handle it
- 10 properly.

- 11 Q. Okay. Could you please read the first
- 12 sentence of paragraph three?
- 13 A. Yes, sir. It says I have been advised that
- 14 the unauthorized disclosure, unauthorized retention or
- 15 negligent handling of classified information by me could
- 16 cause damage or irreparable injury to the United States
- 17 or could be used to advantage by a foreign nation.
- 18 Q. Now, what did you explain about that sentence
- 19 to each individual?
- 20 A. I would explain that the information that we
- 21 carry is, needs to be handled properly so it doesn't fall

into the wrong hands of any enemy element or others that would do harm to the United States.

- Q. And could you read the next sentence, sentence two of paragraph three, please?
- A. I hereby agree that I will never divulge classified information to anyone else unless I have officially verified that the recipient has been properly authorized by the United States government to receive it, or, B, I have been given prior written notice of authorization from the United States government department or agency, hereinafter department or agency responsible for the classification of the information or last granting me a security clearance that such disclosure is permitted.
- Q. How did you explain that sentence to each person in processed in your section?
- A. I would generally go over if a person didn't have the need to know the information or if they were not authorized to receive it, that it remained where it was.
 - Q. What do you mean by where it was?
 - A. It would remain in our office or in our

custody.

- Q. Okay. And what about the first sentence in paragraph four, would you please read that?
 - A. I have been advised that any breach of this agreement may result in the termination of any security clearances I hold, removing from my position of special confidence or trust requiring such clearances or the termination of my employment or other relationships with the department or agencies that granted my security clearance or clearances.
- Q. And what did you explain to each soldier that in processed about that sentence?
 - A. In easy terms that if you do divulge classified information to unauthorized sources you will lose your clearance and you will be in trouble.
- Q. Okay. And then could you go to the third sentence or, I'm sorry, the next sentence in paragraph four?
- A. In addition, I have been advised that any unauthorized disclosure of classified information by me would constitute a violation or violations of United

- States criminal laws including the provisions of Section 641, (INAUDIBLE) Title 18, United States Code.
- Q. And then what did you, how did you describe that sentence to individuals who in processed your section?
- A. The same as before, sir. I kept it very
 basic. Just like if you do this, you will lose clearance
 and be in trouble.
 - Q. And what do you mean by in trouble?
- 10 A. You will most likely be arrested.

14

15

16

17

18

19

20

- 11 Q. And what about the first sentence in paragraph seven?
 - A. States that I understand that all classified information to which I have access to or may obtain access by signing this agreement is now or will remain the property of the United States government unless and until otherwise determined by an authorized official or final ruling of a court of law.
 - Q. And what did you explain or how did you explain that paragraph or that sentence from paragraph seven?

- A. To the fact that we don't own the information that we are utilizing and we are not allowed to go to unauthorized sources with it. It remains, after you leave the Army it's still the property of the government.
 - Q. Property of who?

2

3

4

5

14

15

16

17

18

- A. Property of the government, sir.
- Q. And now on page two, could you please read paragraph 11?
- 9 A. Sir, as I write --
- MR. FEIN: Your Honor, may we have a moment?

 Your Honor, let the record reflect I'm

 covering personal identifying information.
- Q. Could you please read that for the court?
 - A. Yes, sir. It states I have read this agreement carefully and my questions, if any, have been answered. I acknowledge that the briefing officer has made available to me special order and (INAUDIBLE) referenced in this agreement (INAUDIBLE) regulation so that I may read them at this time if I so choose.
- Q. And what did you explain particularly about this paragraph 11?

- A. Would insure that they did read it and understand everything that was on the previous page.

 Q. And did you, what special steps did you take
- 5 A. It was right before we signed it, sir.

to make sure that paragraph 11 was understood?

- Q. Did you ask affirmatively whether they
- 7 understood?

- 8 A. Yes, sir.
- 9 Q. And how did you know if they understood it,
 10 all paragraphs 1 through 11?
- 11 A. I would assume if they had, they would have 12 questions if they didn't understand it.
- Q. Did Private First Class Manning ask you questions about this?
- 15 A. No, sir.
- Q. In your experience did Private First Class
 Manning ask you questions when he had questions?
- 18 A. Yes, sir.
- Q. So based off that experience, if he had a question, would he have asked it at the time?
- 21 A. Yes, sir.

Did Private First Class Manning voluntarily 1 Q. sign this document? 2 3 Α. Yes, sir. Did you force him to sign this document? 4 Q. I did not, sir. 5 Α. What if he did not want to sign this document? 6 Q. 7 Α. He wouldn't have been granted access locally to classified material. 8 9 Q. Okay. Thank you. 10 MR. FEIN: Your Honor, I am retrieving prosecution exhibit 8. 11 12 THE COURT: Okay. As we continue, counsel, I 13 want both sides to check the exhibits that you intend to publish and if there is personally identifying 14 15 information that shouldn't be on there, make a second copy for the publication or somehow otherwise just make 16 17 sure you have it masked. 18 MR. COOMBS: Yes, ma'am. 19 MR. FEIN: Your Honor, I'm handing the 20 witness prosecution exhibit 8.

- 1 BY MR. FEIN:
- Q. Chief Balonek, could you please thumb through
- 3 that prosecution exhibit 8 and look up when you finish?
- What is prosecution exhibit 8?
- 5 A. This is the standard SCI read on packet.
- 6 Q. What is that packet used for at 210 Mountain?
- 7 A. It's to have the ability to access top secret 8 information with special caveats.
- 9 Q. And why is that document or why is that packet 10 required?
- 11 A. It's similar to the non-disclosure agreement.
- 12 It's the next level for the top secret information.
- Q. And does, is it the same general information
- 14 that is in the non-disclosure agreement, is it throughout
- 15 that packet?
- 16 A. Yes, sir.
- 17 Q. And are soldiers required to acknowledge and
- 18 sign it?
- 19 A. Yes, sir.
- 20 Q. Thank you. I am retrieving prosecution
- 21 exhibit 8 from the witness.

- THE COURT: Prosecution exhibit 8. 1
- 2 MR. FEIN: It's already been admitted, Your
- 3 Honor.
- 4 BY MR. FEIN:
- Chief Balonek, what section did you work at at 5 0. Fort Drum, although we've (INAUDIBLE), what section is
- 7 it?

- I worked in the S2, sir. 8 Α.
- 9 Q. And what did PFC Manning do within the section prior to deployment? 10
- 11 Prior to deployment he often worked on some of 12 our worldwide briefs that were to the commander while we 13 were on the global response force. He did daily soldier 14 activities, motor pool maintenance, PT.
- 15 Q. What is the global response force?
- It's the brigade that is on call in case a 16 Α. 17 surge brigade is needed anywhere in the world.
- 18 Q. And what type of briefings were required in order to be -- you just mentioned Private First Class 19 20 Manning preparing briefings or other products. What 21 types of product would those be?

- A. Power Point slides, most of the things that
 have already been published by higher level agencies and
 intelligence cells that we would bring into our own
 presentations and have the commander fully aware.
- Q. And did these briefings also include the CENTCOM (INAUDIBLE)?
- 7 A. They did.
- 8 Q. Afghanistan or Iraq?
- 9 A. Yes, sir.
- 10 Q. Which ones? I'm sorry.
- 11 A. At times it could be both, sir.
- 12 Q. Why?
- A. At that time we had kind of a dual focus. We
 were supposed to go to Afghanistan, but our mission
 changed to Iraq.
- Q. Prior to deployment and the immediate ramp up, how many analysts were in the brigade S2 shop,
- 18 approximately?
- 19 A. Prior to us leaving, sir?
- Q. Prior to your deployment, at deployment class that PFC Manning attended?

UNOFFICIAL DRAFT - 6/5/13 Morning Session

		7	76
1	Α.	Four to five, sir.	
2	Q.	Total analysts?	
3	Α.	E4 and below, yes, sir.	
4	Q.	Four or five?	
5	Α.	Yes, sir.	
6	Q.	And your job was personnel security?	
7	А.	Yes, sir.	
8	Q.	How did you do or did you do any training to	
9	prepare for	your last deployment, your deployment to	
10	Iraq?		
11	Α.	I did attend master analyst course 4, that was	
12	one of my ma	ajor training portions.	
13	Q.	Did the unit go to training?	
14	Α.	The unit went to JRT twice.	
15	Q.	Twice. Why twice?	
16	A.	One was Afghan focused, the second was the	
17	Iraq focus.		
18	Q.	When was the Afghanistan focus JRT?	
19	Α.	2008, sir.	
20	Q.	And did you attend the JRT deployment?	
21	Α.	Yes, sir.	

- 1 Q. Did PFC Manning attend the JRT deployment with
- 3 A. He did, sir.
- Q. And what were your responsibilities -- what

role did you fill during this deployment?

- A. At that time I filled the night shift. We
 were primarily helping the day shift pull the information
 they needed and put together any slides that they needed
- Q. Was Private First Class Manning with you on the night shift?
- 12 A. Yes, sir.

for the slide.

- Q. Were you responsible for him on the night
- 14 shift?

2

5

you?

- 15 A. Yes, sir.
- 16 THE COURT: Can you define what period of
- 17 time are we talking about?
- MR. FEIN: Yes, ma'am.
- 19 BY MR. FEIN:
- Q. When was that JRT rotation?
- 21 A. October of 2008, sir.

- October of 2008? 1 Q. 2 Α. Wait. I'm trying to remember JRT timeframes. 3 Yes, it was definitely late 2008, sir. How many times have you been to JRT? 4 Q. Just one, sir. 5 Α. 6 Q. Why didn't you go to the second JRT? 7 Α. The second one conflicted with my master analyst training, sir. 8 9 Q. Which was the one you attended with Private First Class Manning? 10 2008, sir, October. 11 Α. October of 2008? 12 Q. 13 Α. Yes, sir. 14 And did you observe Private First Class Q. 15 Manning working in your area while at the JRT? 16 Α. Yes, sir. 17 And how so? Q. 18 Α. He sat right across the table from me, sir.

between you and Private First Class Manning?

19

20

21

Q.

Α.

And what type of training occurred there

We did primarily DCGS training and some data

- 1 mining and some slideology or some presentation.
- Q. You're using some terms here. What do you
- 3 mean by DCGS training?
- 4 A. DCGS training, the software from the DCGS
- 5 system, whether it be ArcGIS or multi function work
- 6 station.
- 7 Q. Okay. And what is slideology?
- 8 A. Slideology is slide format, sir.
- 9 Q. So just formatting?
- 10 A. We also worked on the intelligence summary for
- 11 the day.
- 12 Q. Okay. What was the intelligence summary?
- 13 A. It's a Word document with a roll up of all of
- 14 the intelligence reporting.
- Q. And when you say work on, what were the
- 16 specific tasks that you and Private First Class Manning
- 17 had to accomplish for that?
- 18 A. It was compiling all of the daily reporting
- 19 into one document, basically a copy and paste.
- 20 Q. Did you have to understand what the reporting
- 21 was in order to compile it?

- A. Yes. Often had to tag with an analyst comment of what we thought and what we thought it meant.
- Q. And what were the sources of those reports?
- A. Generally the reports of JRTC come through the white cell.
- 6 Q. Through what type of system?
- 7 A. Through SIPRNET, sir.
- Q. And is it through email or is it through DCGSyou said or ArcGIS.
- 10 A. The information can come from a variety, it
 11 could be email, it could from their portal that's
- 12 specific to JRTC.
- Q. And when did you deploy for the fourth time?
- 14 A. Yes, sir. Sir, it was October 2009.
- Q. And did you deploy with the main body of 210
- 16 Mountain?
- 17 A. Yes, sir. Main body.
- 18 Q. Was Private First Class Manning on main body
- 19 one?
- 20 A. Yes, sir.
- 21 Q. And where did you deploy to?

- We deployed to, we were east of Baghdad. 1 Α.
- 2 At what FOB? Q.
- 3 Α. FOB Hammer.
- How long did it take you to get to FOB Hammer? 4 Q.
- From day one in Kuwait, sir? 5 Α.
- 6 Q. Yes.

11

13

14

15

16

- Day one in Kuwait was approximately three 7 Α. weeks before we actually arrived at hammer. 8
- Q. And when you arrived at FOB Hammer, what occurred immediately after arriving or, not immediately 10 -- excuse me. What did you do in the S2 shop once you arrived? 12
 - We arrived and met our counterpart from 382, got to know our counterparts and what they were working on. We took part in what they call the right seat, left seat ride where we learned everything that they had been doing in order for us to eventually take over.
- 18 0. Can you please explain to the court what you 19 mean by left seat, right seat?
- 20 Yes, ma'am. Left seat, right seat. Α. 21 pictured like a car. When we first get there, we're in

- right seat mode like the passenger watching the previous 1 2 unit conduct operations and gathering information is how 3 we're going to go. Once we go in the left seat is us driving and conducting operations while the previous unit 4 starts to filter out of country and assist us in anyway 5 they can before they go.
- And when did Third Brigade of 82nd Airborne, 7 Ο. when did they start trickling out of country like you 8 just talked about?
- 10 Certain people almost immediately upon our Α. arrival. 11
- 12 0. When did the majority of the S2 shop of 382 13 leave?
- 14 Α. Mid to late November, sir.
- When is the first time an analyst in the S2 15 0. section would have had access to SIPRNET with another 16 individual not on their left seat or right seat? 17
- 18 Α. Around the same time.
- 19 When was that? Q.

- 20 Mid to late November, sir. Α.
- Mid to late November? 21 Q.

- Yes, sir. 1 Α.
- 2 What did you have to do paperwork-wise in Q. 3 order to get access to a computer on FOB Hammer?
- For each medium, whether it be unclassified, 4 Α. SIPRNET, you had to fill out a user agreement with the S6 5 6 in order for them to create you a user name and password. 7 Once they created that, you could access the entire 8 system.
- Q. This user agreement, did you have to sign it?
- 10 Yes, sir. Α.

- 11 0. Was this done prior to deployment or in 12 theater?
- 13 Α. Started in theater, sir.
- 14 What was your position, your duty position Q. 15 while at FOB Hammer in S2 section?
- It was the Shia extremist group team lead. 16 Α.
- 17 And what were your general responsibilities Q. 18 for that?
- General responsibilities were to research the Α. threat groups that were associated with that area and 20 21 produce analysis on those particular groups and areas.

- Q. And you said team lead. If you were the technical team lead, explain briefly for the court what was the structure of your team.
- A. Structure was I was the lead. I had then

 Specialist Maderas on the days and PFC Manning on the

 nights.
- 7 MR. FEIN: One moment, please.
- 8 Q. And explain, please, just again very briefly
 9 where did your section fall under, kind of like in an org
 10 chart of the S2 section?
- A. We would fall under the all-source warrant chief airman, then routing through the AS2 was Captain Lim, and then in the S2 Major Clausen.
- 14 Q. What shift did you work?
- 15 A. I worked the days, sir.
- Q. And how would work get delegated to you and then from you?
- 18 A. It would generally come from the S2 self or 19 the AS2.
- Q. How would you delegate work to the analysts
 that worked for you? You said was it Maderas and PFC

Manning?

1

7

15

16

17

18

- A. Yes, sir.
- Q. How did you delegate work to them?
- A. When I needed stuff done, I would either turn and talk to them or I would wrap it up in an email so they had actual text of exactly what we needed.
 - Q. And how was work prioritized?
- 8 A. By me.
- 9 Q. And who is Captain Fulton?
- 10 A. Captain Fulton in the beginning was the plans
 11 officer, the S2 plans officer.
- Q. Could you please describe in a little bit more
 but in a definitely non-clas world the work of a Shia
 analyst?
 - A. We pulled human reporting, whatever reporting we could on our particular groups. We looked at SigActs that correlated to those groups and we tried to produce it into one holistic product on how those groups conducted their operations and attacked U.S. forces.
- Q. And what computer systems did you and your analysts use in order to accomplish this mission?

- 1 A. We used the DCGS system.
- Q. And what is DCGS?
- A. Distributed Common Ground System Army. It's often referred to as DCGS-A.
- 5 THE COURT: Say that one more time, please.
- 6 THE WITNESS: Distributed Common Ground
- 7 System Army, ma'am.
- 8 THE COURT: Thank you.
- 9 BY MR. FEIN:
- 10 Q. And, again, briefly describe what DCGS-A is,
- 11 is?
- 12 A. DCGS is a computer with a specific software
- suite loaded on to it. It has specific programs that are
- 14 DCGS approved for the analysts to use.
- Q. And what are some of those programs that are
- 16 on this DCGS-A system?
- A. ArcGIS, it's a mapping tool. The multi
- 18 function work station which is a larger program that is a
- 19 mixture of all of the main programs. It has a lighter
- 20 version of ArcGIS, it has a link diagram tool, it does
- 21 some other analytical processes.

- Q. Are there any other programs on DCGS?
- 2 A. Other than standard stuff like Microsoft
- 3 Office.

15

16

17

18

- Q. What about QueryTree?
- 5 A. QueryTree, sir, is a web-based program.
- 6 Q. And what is QueryTree?
- A. QueryTree is a way to search multiple intelligence databases at one time using one search parameter.
- 10 Q. What is ArcGIS?
- 11 A. ArcGIS is a mapping, it's a geo spatial tool
 12 for map.
- Q. And how does an analyst use ArcGIS?
 - A. They can plot significant activities on the map. They can use it to show density plats to show where higher degree of activity has been occurring. You can use it to time stamp data so you can do pattern and trend analysis. It really helps paint the picture of the point we're trying to get across.
- Q. And how does an analyst get the information into ArcGIS to do what you just described?

- A. You can do it a multiple number of ways. You can use an Excel spread sheet and import multiple amounts of points at the same time, you can draw lines, you can use boundary shaped files, you can color areas. I mean it's a multitude of ways you can import data into the system.
- Q. And did every analyst know all these ways that you're describing that seem so simple?
- 9 A. If they didn't, we had an embedded mentor that
 10 was there to assist us in those processes.
- 11 Q. Were other soldiers used as onsite (INAUDIBLE)
 12 for simple tasks like Excel spread sheet?
- 13 A. Yes, sir.
- 14 Q. Was PFC Manning one of those individuals?
- 15 A. Yes. PFC Manning was good at those, yes.
- Q. Was he better than most?
- 17 A. I would say yes.
- Q. Did you rely on PFC Manning to help you with the computer understanding how the information goes from one system into the other?
- 21 A. I asked for more help with formatting.

- 1 Q. What is CIDNE?
- 2 A. CIDNE is another web-based data search that
- 3 houses reporting from either Iraq or Afghanistan or
- 4 significant activity or attacks.
- 5 Q. You said Iraq or Afghanistan. Are there
- 6 separate databases?
- 7 A. Yes.
- 8 Q. How do you know that?
- 9 A. CIDNE-I and CIDNE-A.
- 10 Q. And could you address the CIDNE-A in Iraq?
- 11 A. You could, yes, sir.
- 12 Q. Could you do it direct or another way?
- 13 A. I don't remember going there, but it's
- 14 accessible.
- Q. Why did you never use CIDNE Afghanistan?
- 16 A. I was in Iraq, sir.
- 17 Q. Why would an intelligence analyst not use
- 18 Afghanistan intelligence information in Iraq?
- 19 A. It didn't have data that was relevant to the
- 20 work that I was performing in Iraq.
- Q. And what work was that?

- 1 A. SigAct analysis, pattern human reporting.
- Q. For what threat group?
- 3 A. Shia analysts, sir.
- Q. That was the same one that Private First Class
 Manning was responsible for?
- A. Yes, sir.
- 7 Q. What are SigActs?
- A. SigActs can be any significant activity that
 the unit would report. It ranges from something very
 small like local national intimidation to larger and
 complex attacks. There are maybe a hundred to 150
 different types of SigActs that could be uploaded.
- Q. And did you and the other analysts use SigActs?
- 15 A. Yes, sir.
- 16 Q. Why?
- A. SigActs help paint the picture of some of the patterns and some of the tactics that enemy forces were using at the time. It gives a historical perspective as to how they operated?
- 21 Q. What did SigActs look like, again, keeping

- 1 this unclassified.
- 2 A. They were, I kind of associate, there was a
- 3 write-up of what happened and where, when and who it
- 4 happened to.
- 5 Q. The SigActs in CIDNE, were they in some
- 6 database form?
- 7 A. They could be.
- 8 Q. And was there an entry about the
- 9 classification?
- 10 A. Yes, sir.
- 11 Q. Did all SigActs have a classification marking
- 12 of some sort?
- A. Yes, sir.
- 14 Q. Is it clear by reading the SigAct what its
- 15 classification was or is?
- 16 A. Yes, sir. It's generally on the top and
- 17 bottom of every report.
- 18 Q. Why is -- you mentioned historic information.
- 19 Why is historic information or why was historic
- 20 information important to you as a Shia analyst?
- 21 A. You can go back and look at how the groups

- operated, and many times history tended to repeat itself 1 2 within those SigActs and those groups would use same 3 areas, same timeframes, same types of munitions, to help us gain a little perspective as to the when and the where 4 they might attempt to attack U.S. forces.
- 6 Q. So did you and the analysts rely on the 7 historic SigActs?
- Yes, sir. 8 Α.

- 9 Q. Were they of value?
- 10 Yes, sir. Α.
- Did PFC Manning use historic SigActs? 11 Q.
- 12 Α. Yes, sir.
- 13 Q. How do you know?
- 14 Mostly remember he had one PI product that Α. 15 compared the past three years of Iraq SigActs, they were all in one big group number and it showed them in a graph 16 17 of how each year had either changed, gone up or gone 18 down.
- 19 In general about SigActs or topical areas? Q.
- 20 In general about SigActs. Α.
- 21 Q. Did PFC Manning have to pull certain types of

information from SigActs? 1 2 Α. Yes, sir. 3 Q. What type of information? Mostly locational, what type of attack it was. 4 Α. What are some examples of the attacks? 5 Q. 6 Α. IED attack, small arms fire against a convoy, could be a --7 Go ahead, I'm sorry. 8 Q. Α. Vehicle-borne explosive device. 10 Would one have to understand that that Q. 11 information was in the SigAct to pull the SigAct as an 12 analyst? 13 Α. Yes, sir. 14 Q. Did PFC Manning do that effectively for you? 15 Α. Yes, sir. Have you ever used Department of State 16 Q. classified or unclassified information as an analyst? 17 18 Α. I have not, sir. 19 Could you have? Q. 20 I'm sure I could have, sir. Α. 21 Q. If you had access to it you could have?

- 1 A. Yes, sir.
- Q. Did you or your analysts ever have a reason to
- 3 research information on South America?
- A. No, sir.
- 5 Q. What about Europe?
- A. No, sir.
- 7 Q. Africa?
- 8 A. No, sir.
- 9 Q. East Asia?
- 10 A. No, sir.
- 11 Q. Did you or your analysts ever have reason to
- 12 review reports on U.S. air strikes in Afghanistan?
- 13 A. No, sir.
- 14 Q. You or your analysts ever have a reason to
- 15 review GTMO detainee reports?
- 16 A. No, sir.
- 17 Q. As a Shia analyst, you didn't have a need to
- 18 review GTMO detainee reports?
- 19 A. No, sir.
- Q. Did you or your analysts ever have need to
- 21 review research on the country of Iceland?

- 1 A. No, sir.
- Q. What about senior officials in Iceland?
- A. No, sir.

7

8

10

11

12

13

14

15

- Q. What about searching the SIPRNET or -- what is Intelink?
 - A. Intelink in a nutshell is the simpler version of Google. It is a search engine that allows you to find sometimes quickly the information you're looking for.
 - Q. And how did analysts use Intelink?
 - A. For, I mean, if you couldn't find something you usually try Intelink first to see if you can pull it out without having to go in the databases and look specifically for one single report. If you had a numbered report you could look in Intelink and pull that single report without having to muddle through the database.
- Q. Was using Intelink a common tool used by the 35 Foxes Shia analysts?
- 19 A. Yes, sir.
- Q. Would there be any reason that you or any of your analysts would be looking at AR 15-6 investigations

- 1 in U.S. CENTCOM operations?
- A. No, sir.
- Q. What about researching WikiLeaks on Intelink?
- A. No, sir.
- 5 Q. How about in 2010 downloading the entire
- 6 global address book for NIPRNET?
- 7 A. No, sir.
- Q. Chief Balonek, in reference to Intelink, how
- 9 long do you think it takes to search for a single
- 10 document and download that document to use?
- 11 A. Depending on the size of the file, sir, if it
- was a small file, it could be less than a minute; a
- 13 larger file could take maybe ten minutes.
- 14 Q. Why does file size matter?
- 15 A. The bandwidth down range is a little slower
- 16 than it is in theater.
- 17 Q. Assuming best case bandwidth, fastest Internet
- 18 bandwidth you've ever had, how long would it take you to
- 19 download a single document?
- 20 A. A matter of seconds.
- Q. Okay. A single document?

- 1 A. Yes, sir.
- 2 Q. To use for an intel product.
- Chief Balonek, have you ever heard of the
- 4 program WGet?
- 5 A. I have not, sir.
- 6 Q. What would you have done if you wanted to add
- 7 a program to your computer, excuse me, to your DCGS-A
- 8 SIPRNET computer?
- 9 A. For DCGS you have to go through our engineer
- 10 who at the time was Millman.
- 11 Q. What about SIPRNET that was not DCGS-A?
- 12 A. Went through the DCGS.
- Q. Are you familiar with mIRC chat?
- 14 A. Yes, sir.
- 15 Q. How are you familiar with it?
- A. It's a common chat tool that's used by many of
- 17 the collection platforms that are in theater to
- 18 communicate to the ground user.
- 19 Q. Could you explain that? Could you explain
- 20 that again -- well, what is mIRC chat?
- 21 A. It's a chat tool.

- 1 Q. Is it similar to instant messaging?
- A. Yes, sir.
- Q. And is mIRC chat used throughout Iraq?
- 4 A. Yes, sir.
- 5 Q. Did you communicate with division headquarters
- 6 using mIRC chat?
- 7 A. I personally did not.
- Q. Okay. Are you aware if division headquarters
- 9 used mIRC chat to communicate?
- 10 A. I'm sure they did. I generally monitored
- 11 collection platforms that were flying in our area.
- 12 O. Okay. So were there different channels of
- 13 mIRC chat?
- 14 A. Yes, sir, there are many different channels.
- 15 Q. Did you have to subscribe to a channel?
- 16 A. You do not have to subscribe, you kind of have
- 17 to double click to where you want to go.
- 18 Q. And then you can monitor it?
- 19 A. Yes, sir.
- 20 Q. So when you talk about intelligence collection
- 21 platforms, you're talking about what?

- 1 A. Mostly UAV and UAS.
- Q. What is UAV and UAS?
- 3 A. Unmanned aerial vehicles with a camera that
- 4 would like a shadow.
- 5 Q. Is that theater-wide those exist?
- A. Yes, sir.
- 7 Q. Was mIRC chat used by every echelon within
- 8 Iraq?
- 9 A. Yes, sir.
- 10 Q. Chief Balonek, did you receive adverse action
- 11 based off your involvement or your being assigned to 210
- 12 Mountain?
- A. Yes, sir.
- Q. And what was that adverse action?
- 15 A. It was a locally filed letter of reprimand.
- Q. And who gave you this general officer -- I'm
- 17 sorry. Was it a general officer reprimand?
- 18 A. Yes, sir.
- 19 Q. And who gave you this general officer
- 20 reprimand?
- 21 A. Lieutenant General Casland.

And what was the reprimand for? 1 Q. 2 Α. Reprimand base was failure to supervise 3 properly PFC Manning. And what was the end -- was that general 4 Q. 5 officer memorandum of reprimand filed locally or in your permanent file? 6 7 Α. It was locally, sir. THE COURT: Yes. 8 9 MR. COOMBS: Just relevance, ma'am, for this. THE COURT: What's the relevance? 10 11 MR. FEIN: Ma'am, I withdraw the question. 12 THE COURT: Okay. 13 BY MR. FEIN: Chief Balonek, based on your training and 14 Q. 15 knowledge of classified information, have you ever disclosed classified information to an unauthorized 16 17 person? 18 Α. No, sir. 19 Why not? Q.

MR. COOMBS: Again, ma'am, just relevance to

It's against the law, sir.

20

21

Α.

this as well. 1 2 THE COURT: Where are we going with this? 3 MR. FEIN: Your Honor, the defense is clearly contesting knowledge. The United States has to prove 4 knowledge for all of the 793 offenses, knowledge of 5 6 disclosure and the potential effects of the disclosure, 7 and that's why we're eliciting. THE COURT: Well, the fact that he didn't 8 disclose doesn't show anything about anybody else's 10 knowledge so I'm going to sustain that. 11 MR. FEIN: Yes, ma'am. 12 No further questions, Your Honor. 13 CROSS EXAMINATION 14 BY MR. COOMBS: 15 Q. Chief Balonek, how are you? 16 Α. I'm well, sir. How are you? 17 Not bad. Just have a few questions for you. 0. 18 I want to start off with, you became a warrant officer in 2010, is that correct? 19 20 That's correct, yes, sir. Α. 21 Q. So at the time of the deployment you were an

UNOFFICIAL DRAFT - 6/5/13 Morning Session

```
102
1
    NCO?
 2
                 Yes, sir.
         Α.
 3
         Q.
                 And I guess at that time you were also a 35
 4
    Fox?
 5
                 Yes, sir.
         Α.
                 So you went to the same 35 Fox training that
 6
         Q.
 7
    PFC Manning went to?
 8
                 They may have been structured different, but
         Α.
    yes.
                 It was the 10 level course?
10
         Q.
11
         Α.
                 Yes.
                 And after that four month course, what annual
12
         0.
13
    training did you get as an analyst?
14
         Α.
                 We do the standard, we do the op section, we
15
    do SAET, the Subversion and Espionage Training.
16
                 That's the online training?
         Q.
                 It can be online, it can also be done by
17
18
    lecture.
19
                 Okay. And you were part of Second Brigade in
         Q.
    the 2009, 2010 timeframe?
20
21
                 Yes, sir.
         Α.
```

- 1 Q. And you actually arrived in 2006 though?
- 2 A. That's correct, sir.
- Q. And you started off in the current OPS office
- 4 in the?
- 5 A. Yes, sir.
- Q. And then you became the collection manager in
- 7 delegating and reconnaissance assets?
- 8 A. Yes, sir.
- 9 Q. And once deployed you became the Shia team
- 10 threat leader?
- 11 A. That's correct, sir.
- 12 Q. And as the Shia team threat leader you were in
- 13 charge of watching and assessing various insurgent
- 14 groups, is that correct?
- 15 A. Yes, sir.
- 16 Q. You would then determine how these groups kind
- 17 of fit into your area of operation?
- 18 A. Yes, sir.
- 19 Q. You indicated you had anywhere from just one
- 20 or two soldiers working for you at a time?
- A. Generally just one at a time, sir. We only

- 1 had a three person element.
- Q. And one of those soldiers was PFC Manning?
- 3 A. That's correct, sir.
- Q. And you had both a Shia day shift and a Shia night shift?
- A. Yes, sir.
- Q. And on the Shia day was yourself and
- 8 Specialist Maderas, is that correct?
- 9 A. In the beginning, yes, sir.
- 10 Q. And then the Shia night was specialist Cooley
- 11 and PFC Manning?
- 12 A. Manning was the Shia, Cooley was the Sunni
 13 counterpart.
- Q. And who was the NCOIC of the night shift?
- 15 A. It changed a lot, sir. In the beginning it
- 16 was Specialist Padgett, it was Master Sergeant Adkins, it
- 17 was Sergeant Tau.
- 18 Q. Specialist Showman in the beginning?
- 19 A. For a very short period in the beginning, sir.
- Q. And then PFC Manning initially started off on
- 21 the night shift, right?

- 1 A. Yes, sir.
- Q. And then he was moved eventually to the day
- 3 shift?
- 4 A. That's correct, sir.
- 5 Q. Do you recall when that happened?
- 6 A. It was shortly after he came back from his R
- 7 and R leave, sir.
- 8 Q. So in February of 2010?
- 9 A. Yes, sir.
- 10 Q. So up until February of 2010 he was on the
- 11 night shift?
- 12 A. That's correct, sir.
- Q. And then when he was moved to the day shift,
- 14 who was his supervisor?
- 15 A. That would be me, sir.
- 16 Q. I want to talk just for a moment before we get
- into PFC Manning's duty performance just the job of an
- 18 analyst for a second, okay?
- 19 A. Yes, sir.
- Q. Now, in general you expect an analyst to read
- 21 a lot of things, right?

- 1 A. Yes, sir.
- Q. Because an analyst is a, I believe someone's explained it at one point, a jack of all trades, a master
- 4 of none; would you agree with that?
- 5 A. I don't like tagging the master of none, but I
- 6 guess jack of all trades.
- 7 Q. All right. So in other words, you got to have
- 8 a lot of base knowledge in order to maybe do your job
- 9 well?
- 10 A. Yes, sir.
- 11 Q. You would expect your analysts to think out of
- 12 the box?
- 13 A. At times, yes, sir.
- 14 Q. You would expect your analysts to maybe look
- 15 for open source information to supplement their work?
- 16 A. Yes, sir.
- 17 Q. And in fact, you would look at open source
- 18 information to supplement your work?
- 19 A. Yes, sir.
- 20 Q. And open source information is just stuff
- 21 that's on the Internet that's not classified, right?

- 1 A. Correct.
- Q. And I believe you had maybe looked at Early
- 3 Bird?
- 4 A. Yes, sir.
- 5 Q. And other news organizations for information?
- A. Yes, sir.
- Q. And analysts, as far as an all-source analyst,
- 8 their main source of work was on the SIPRNET, is that
- 9 right?
- 10 A. That's correct, sir.
- 11 Q. And if the information wasn't password
- 12 protected, an analyst was permitted to look at
- 13 information on the SIPRNET?
- 14 A. Yes, sir.
- 15 Q. There were no restrictions put out, do not go
- 16 to this area as an analyst?
- 17 A. No, there were not.
- 18 Q. So essentially if an analyst wanted to look at
- 19 other things on the SIPRNET in order to get a broader
- 20 base knowledge, they were free to do so?
- 21 A. Yes, sir.

- Q. You would not have stopped an analyst from doing that?
- A. No, sir.
- Q. Now, one of the things that an analyst would
- 5 look at was the CIDNE database, right?
- 6 A. That's correct, sir.
- Q. And the CIDNE database has a lot of different information going into it, is that correct?
- 9 A. That's correct, sir.
- Q. And one of those pieces of information is the SigAct database?
- 12 A. Yes, sir.
- Q. And I'm sorry to put you on the spot, but can you think of some of the other databases that were in the CIDNE database?
- 16 A. The one I used the most was the human database.
- 18 O. And the human database was what?
- A. It was filled with human IRs from various areas and various sources.
- 21 Q. So this would be the human intelligence that

- we had from sources, true sources in Iraq?
- 2 A. Yes, sir.
- 3 Q. Now, in the human reports, you wouldn't
- 4 identify the sources by name, right?
- 5 A. No, sir.
- 6 Q. They were by number?
- 7 A. That's correct.
- Q. And with regards to the SigActs, SigActs, they
- 9 didn't have sources in them, right?
- 10 A. They had a reporting, they had the name of
- 11 whoever reported the SigAct.
- 12 Q. But I'm talking sources, sources for
- 13 information.
- 14 A. Not that I can remember, sir.
- 15 Q. You wouldn't list a true human source in a
- 16 SigAct, correct?
- 17 A. No, sir.
- 18 Q. You wouldn't do that because, why?
- 19 A. To protect the source.
- Q. Exactly.
- Now, you had indicated at one point during

- the direct that SigActs were a historical document? 1
- Yes, sir. 2 Α.
- 3 Q. Am I correct that basically what a SigAct 4 does, significant activity, is give you the five Ws, the who, what, where, when, why; is that right? 5
- 6 Α. There's probably a little more to it. 7 give you that information, yes, sir.
- Okay. And, again, what a SigAct will do is Q. essentially if a unit's engaged with the enemy, you're 10 going to get a SigAct report, right?
- 11 Α. Yes, sir.

- 12 Q. And the SigAct is going do come from the 13 lowest level unit, the unit that's actually engaged in the combat? 14
- 15 Α. That's correct, sir.
- If something else happens like an accidental 16 Q. 17 death of a service member due to a movement accident or 18 killing of a civilian or whatnot, that also will go into a SigAct? 19
- 20 Yes, sir. Α.
- 21 Q. Again, reported by the lowest level?

- 1 A. Correct, sir.
- Q. And then that reporting basically gets put up
- 3 the chain?
- 4 A. Yes, sir.
- 5 Q. How does it get from the lowest level unit to
- 6 the S2 section?
- 7 A. Generally we see it through the Command Post
- 8 of the Future or CPOF, it usually populates on our
- 9 screen, then we can view the SigAct.
- 10 Q. Now, that way of getting to the CPOF, that's
- 11 at the part that's already part of CIDNE, is that
- 12 correct?
- 13 A. The CPOF is a separate system, sir.
- Q. When you can see it on the CPOF, has it been
- added to the CIDNE database at that point?
- 16 A. I couldn't tell you when and how it gets to
- 17 the CIDNE database, but I know it gets there eventually.
- THE COURT: What is the CPOF?
- 19 A. It's a Command Post of the Future. It's
- 20 another computer system.
- 21 THE COURT: Sorry.

- 1 BY MR. COOMBS:
- Q. So then you start out with the SigAct at the
- 3 lowest level unit, it gets reported to (INAUDIBLE) as a
- 4 battle captain I imagine, is that correct?
- 5 A. Yes, sir.
- Q. And then they basically get that information,
- 7 type it up, and then my understanding, correct me if I'm
- 8 wrong, over the next maybe 24 to 48 hours that SigAct is
- 9 updated and changed, is that right?
- 10 A. That's correct, sir.
- 11 Q. And that's usually because the initial
- reporting of a SigAct has an (INAUDIBLE)?
- 13 A. It can, yes, sir.
- 14 Q. Maybe because they don't have all the
- 15 information?
- 16 A. Yes, sir.
- Q. So then after 48 hours or so you get a
- 18 finalized SigAct where you know all the information?
- 19 A. Yes, sir. It will show on the bottom as
- 20 closed.
- 21 Q. Okay. And at that point it goes up kind of

- the echelon chain from brigade to division to core to
 CIDNE database?
- 3 A. To the best of my knowledge, sir.
- 4 Q. All right.
- 5 THE COURT: Do you know?
- 6 THE WITNESS: I do not. I don't know the 7 exact chain of how a SigAct goes up beyond brigade.
- Q. Okay. So anywhere in your -- you don't know
 what happens to a SigAct after brigade?
- 10 A. Once it's on the CPOF, sir, it can be seen by 11 higher echelons.
- Q. Okay. And I want to make sure because we're relying upon your testimony so I don't want to put words in your mouth. Do you know what happens to a SigAct like how it gets up reported past brigade?
- 16 A. It wasn't in my realm of responsibilities,
 17 sir.
- 18 Q. So is that a no?
- 19 A. That's a no, sir.
- Q. When you actually see, you talked about the fact that it's kind of a historical document. It's

- historical because it talks about stuff that happened in
 the past, correct?
- 3 A. Yes, sir.
- Q. And then you as an intelligence analyst then
 would take that accounting of what happened in the past
 and you would pull information in order to maybe
 predictive analysis of maybe what's going to happen in
 the future?
- A. That's correct, sir.
- Q. And obviously that's kind of a goal of an analyst then to maybe read the tea leaves of what happened in the past in order to get the future?
- A. Yes, it is one of our focuses, sir.
- Q. And I imagine that's a skill that takes time to develop?
- 16 A. Yes, sir.
- Q. One doesn't leave the ten level analyst course at Fort Huachuca and then become an expert at analytical work, correct?
- 20 A. It varies, but for the most part that's 21 correct.

- Q. And additional training you would get then would be kind of on-the-job training where someone like yourself would mentor and supervise a younger soldier?
- A. Yes, sir.

2

3

17

18

- Q. I imagine much like with you, somebody
 supervised and mentored you?
- 7 A. To a degree, yes, sir.
- 8 Q. And that's how you developed and became a good 9 analyst?
- 10 A. Yes, sir.
- 11 Q. Now, when an analyst was using the CIDNE

 12 database, was there any limitation on what they could

 13 look at on the CIDNE database?
- A. I don't know if there's any limitation, sir.

 You can pull data up from probably the beginning of each
 of the conflicts.
 - Q. You mentioned only one database and, again, if that's the only one you use, that's fine, but what other database was available on CIDNE besides SigAct and human?
- 20 A. I can't remember. There was more links down
 21 the left side, sir, but I never used them and I can't

- 1 remember what they were, sir.
- 2 O. Does SIGINT sound familiar?
- A. Yes, sir. I never -- I didn't -- I don't
- 4 believe I ever used that portion.
- Q. What is SIGINT?
- 6 A. Signals intelligence, sir.
- Q. And what is that, to an unclassified?
- 8 A. I'm trying to think of the best unclas way to
- 9 say it.
- 10 Q. Again, I won't put you on the spot. That's
- 11 fine.
- 12 And then was counter AID a database?
- 13 A. I don't remember if it was or not, sir.
- 14 Q. How about any sort of SYOPS or anything like
- 15 that, was that a database?
- A. It may have. I don't remember, sir.
- Q. Even though you can't recall the databases,
- 18 how many other databases in general were on CIDNE; was it
- 19 just a select few or do you think there are quite a few
- 20 other database?
- 21 A. I remember there being pull-downs along the

- 1 left side.
- Q. Do you recall just, I know it's a little bit
- of I'm not for sure, but are we talking just a few
- 4 pull-downs or quite a few?
- 5 A. Less than a dozen.
- Q. And each one of those represented information
- 7 and databases?
- 8 A. Yes, sir.
- Q. And an analyst could go to that and look at
- 10 anything they wanted there?
- 11 A. Yes, sir.
- 12 Q. Do you know if anyone ever saved information
- 13 from the CIDNE database on to their SIPR hard drive?
- 14 A. It had to be saved in Excel format in order to
- 15 utilize that information.
- 16 Q. Could an analyst download whatever they wanted
- 17 on to their SIPR?
- 18 A. Yes, sir.
- 19 Q. And if I were an analyst and I wanted to
- 20 download all the SigActs for a given time, could I do
- 21 that?

- A. It would take some time, but, yes, you could do that.
- 3 Q. In fact, you've done that?
- A. Not for a whole period of a year, but, yes,
- 5 sir.
- Q. Do you recall saying to me that you downloaded
 for a whole year in order to track trends?
- 8 A. I don't recall for a whole year, sir.
- 9 Q. What do you recall?
- 10 A. I would normally go in month spans, maybe two
 11 to three months.
- 12 Q. If I were an analyst and I wanted to download
 13 for a whole year, any problem with that?
- 14 A. No, sir.
- Q. Now, with regards to downloading the information, if I wanted to save that information on to a CD to have access to it, any problem with that?
- 18 A. No, sir.
- Q. And when you were talking earlier with Major
 Fein about how long it would take with the fastest ever
 Internet connectivity, if you actually had it downloaded

- 1 on your SIPR computer did you have to rely on the
- 2 Internet connectivity?
- A. Not if it was downloaded, no, sir.
- Q. And if you actually had it on a CD, did you
- 5 have to rely on that?
- 6 A. No, sir.
- 7 Q. So that would give you quicker access to
- 8 information?
- 9 A. Yes, sir.
- 10 Q. Now, I also imagine sometimes the SIPRNET was
- 11 down, is that right?
- 12 A. At times, yes, sir, it did go down.
- Q. So when the SIPRNET was down, if you didn't
- 14 have information on your hard drive or on a CD, you
- 15 really couldn't do much?
- 16 A. That's correct, sir.
- 17 Q. So that might be another reason why you would
- 18 download this information?
- 19 A. Yes, sir.
- Q. Now, I want to ask you about PFC Manning's
- 21 duty performance while in garrison, okay, prior to

- 1 deployment.
- A. Yes, sir.
- Q. Was he ever assigned to you and under your supervision when you were in garrison?
- 5 A. No, sir.
- Q. Was there ever a time though that you were in his chain?
- 8 A. Towards the, I mean towards when we were
 9 getting towards deployment I would have been two levels
 10 above Showman, above Mitchell.
- Q. Okay. So as I understand it then, PFC
 Manning's immediate supervisor was Specialist Showman?
- A. Yes, sir.
- Q. Her supervisor was Sergeant Mitchell, and then his supervisor was you?
- 16 A. Yes, sir.
- Q. Because you're in the chain then, would you expect to hear information about any soldier that is in your direct chain?
- 20 A. Yes, sir, I would expect that.
- 21 Q. And you would expect that because as a leader

- 1 you need to know everything about your soldiers?
- A. Yes, sir.
- Q. So if somebody had information about one of your soldiers that would impact on their deployment, you would expect to hear that?
- A. Yes, sir.
- 7 Q. Especially going into a deployment?
- 8 A. Yes, sir.
- 9 Q. And if anyone had any information about
 10 whether or not a particular analyst under your
 11 supervision should or should not have a clearance, a
 12 security clearance, you would expect to hear that too?
- A. Yes, sir.
- Q. At any point did you hear from anybody in your chain on whether or not PFC Manning prior to deployment should have a security clearance?
- 17 A. No, I did not, sir.
- Q. Did anyone bring up any sort of concern about
 whether or not PFC Manning should have a security
 clearance prior to the deployment?
- 21 A. No, sir.

```
Now, I want to ask you about PFC Manning's
1
         Q.
    duty performance when he was deployed, okay?
 2
 3
         Α.
                 Yes, sir.
 4
                 Now, as you said, he was initially on the
         Q.
 5
    night shift?
                 Yes, sir.
 6
         Α.
 7
         Q.
                 And my understanding was when he was on the
    night shift, even though you had overall supervision of
 8
    the Shia team, you didn't have direct supervision of him
10
    at that point?
                 Not at that point, no, sir.
11
         Α.
12
         Q.
                 That would have been Specialist Showman
13
    initially, right?
14
         Α.
                 Yes, sir.
15
         Q.
                 And then Specialist Padgett?
16
                 Yes, sir.
         Α.
17
                 And then later on Sergeant Tau?
         Q.
18
         Α.
                 Yes, sir.
19
                  THE COURT: T A U?
20
                  MR. COOMBS: T A U.
21
```

- 1 BY MR. COOMBS:
- Q. At that point then did you have any sort of eyes on what PFC Manning was doing?
- A. No, not eyes on, no, sir.
- Q. And you indicated that you would give responsibilities to the night shift, that was one of your jobs?
- 8 A. Yes, sir.

10

11

12

13

14

15

16

17

18

19

- Q. And at that point, just for the night shift, when you weren't directly supervising him, did you have any duty performance problems with Manning on the night shift?
- A. There were a few times that things didn't get completed, however, it was generally because one of the officers would assign him a task that superseded what I assigned him.
- Q. In fact, one time when something wasn't done and PFC Manning told you an officer assigned him a task, you went to that officer to verify and, in fact, that was true?
- 21 A. Yes, sir.

- Q. So aside from those times, PFC Manning completed his tasks and you got the work product that you expected?
- A. Yes, sir.

2

3

5

6

7

8

14

15

- Q. Now, let's talk about when you supervised him directly when he was moved to the day shift, okay, sir?

 Now, based upon your testimony, am I correct that that occurred basically in the February timeframe?
- 9 A. Yes, sir.
- 10 Q. Forward?
- 11 A. Correct.
- Q. And so at that point when he was under your supervision, what type of duty performer was PFC Manning?
 - A. With regards to his products, his products were often, on a scale of like bad to good, they were on the high end of that scale to very good.
- Q. Okay. So and I think at one point you even said his products were excellent. Do you recall saying that?
- 20 A. Yes, he did put together some I would say
 21 excellent products.

- Q. And you even said at one point like you would take a few of his slides, a few of his products and incorporate them into your stuff because they were so good?
- 5 A. Some of his slides made it into other graphic 6 when directed by the (INAUDIBLE).
 - Q. Did you ever have any problems with him completing his task when he was under your supervision?
- 9 A. No, sir.

2

3

4

7

- Q. And as far as from your ability to supervise
 him really from the February timeframe to I guess the
 time that he was removed from the SCIF, right?
- A. Yes, sir.
- Q. From that timeframe to May, did you ever have any problems with his productivity level? Did it ever drop?
- 17 A. No, sir.
- Q. How about his quality of work, did his quality of work ever drop?
- 20 A. No, sir.
- Q. Did you ever talk to PFC Manning about his

- 1 future in the military?
- 2 A. There was one instance I can remember, he
- 3 asked what it would take to advance his Army career, like
- 4 what he needed to do.
- Q. All right. So he was expressing interest to I
- 6 guess get promoted or get better in his position?
- 7 A. Yes, sir.
- Q. And I guess as a mentor that would be a good
- 9 conversation to have for him with you?
- 10 A. Yes, sir.
- 11 Q. Did you ever talk about politics?
- 12 A. No, sir.
- Q. Did you ever talk to him about what he did in
- 14 his off duty hours?
- A. Not that I can remember, sir, no.
- Q. And I know you were his supervisor. You
- 17 weren't his friend, right?
- 18 A. No, sir.
- 19 Q. Did you notice that he had a lot of friends?
- 20 A. I did not notice, sir.
- Q. Now, I want to go into a little bit about the

- 1 T-SCIF operations, okay? Who was primarily responsible
- 2 for the T-SCIF operations?
- 3 A. The SCIF itself, sir?
- 4 Q. Yes.
- 5 A. It was a combination of Master Sergeant Adkins
- 6 and Lieutenant Fields.
- 7 Q. And why were they primarily responsible for
- 8 the operations of the SCIF?
- 9 A. At the time in the field in Afghan,
- 10 (INAUDIBLE) and Master Adkins was the NCOIC.
- 11 Q. And the special security representative, what
- 12 is that?
- 13 A. It's the level down from the special security
- officer at division. It's basically the representation
- 15 of the division SSO.
- Q. And my understanding is they basically make
- 17 sure everything going on in the SCIF is appropriate and
- 18 proper?
- 19 A. Yes, sir.
- 20 Q. And did Master Adkins ever take over that
- 21 position as the SSR?

- 1 A. I don't remember, sir.
- Q. Okay. Now, with regards to the T-SCIF, was it
- 3 common to see soldiers playing music in the T-SCIF?
- A. Yes, sir.
- Q. And common to see it on their DCGS-A computer?
- A. Yes, sir.
- 7 Q. Coming from the T drive?
- 8 A. Yes, sir.
- 9 Q. And the DCGS-A computer and the DCGS computer
- 10 are both, I guess one's a drive, one's a computer,
- 11 correct?
- 12 A. Yes, sir.
- Q. And it's my understanding music should not be
- 14 on a DCGS-A computer?
- 15 A. It was there, sir.
- 16 Q. I know. But my question is it shouldn't be on
- 17 there, right?
- 18 A. I don't know if it was authorized or not.
- 19 Q. Well, I mean you're the, I mean you did a lot
- 20 of briefing on the non-disclosure agreement, do you
- 21 remember that?

- 1 A. Yes, sir.
- Q. And you've had security training and whatnot,
- 3 correct?
- 4 A. Yes, sir.
- 5 Q. So is music supposed to be on a SIPR computer?
- A. I can't remember if it was authorized in
- 7 theater or not.
- Q. Okay. So we'll break that down then. In garrison was music supposed to be on a SIPR computer?
- 10 A. I don't think so, sir.
- Q. And why not?
- 12 A. Garrison seemed to operate different.
- 13 Q. Than the deployed environment?
- 14 A. Yes, sir.
- 15 Q. And it operated differently because in
- 16 garrison the rules were much more enforced, correct?
- 17 A. And different rules for different areas, sir.
- 18 For example, mIRC could not be on DCGS in garrison;
- 19 however, it was authorized in theater.
- Q. When you say authorized, how do you know it
- 21 was authorized?

It was from the, our field support engineer, 1 Α. 2 Mr. Millman. 3 Q. And did Mr. Millman always put all mIRC chat on every computer? 4 5 To my knowledge, yes. Α. 6 Q. Did you know that PFC Manning put mIRC chat on 7 a computer? I did not, sir. 8 Α. Q. All right. Now, with regards to games, did you see games on computers? 10 11 Α. Games were on the T drive, yes, sir. 12 Q. And also played on the DCGS-A computer? 13 Α. They could be. 14 MR. FEIN: Your Honor, objection. 15 Cumulative. Already asked and answered. Games, videos, music, it's already been asked. 16 THE COURT: All right. Why are we doing this 17 18 twice? MR. COOMBS: I didn't ask the witness about 19 20 21 THE COURT: I know you didn't ask this

- witness, but it's been asked before. What new
 information are we getting out?
- MR. COOMBS: In this instance if the
- 4 government wants to concede that music, movies and games
- 5 were on a DCGS-A computer and also on the T drive, and
- 6 I'll get from this witness that games were executable
- 7 files, then if they want to concede that and stipulate to
- 8 that, I'm going to move on.
- 9 THE COURT: I'm going to overrule the
- 10 objection. Go ahead.
- 11 BY MR. COOMBS:
- Q. So were games on the DCGS computers?
- A. Games were present, yes, sir.
- 14 Q. And soldiers were allowed to play those games
- on those computers?
- 16 A. Not at all times. They were there and work
- 17 was low, it became allowed.
- 18 Q. All right. Now, from your understanding were
- 19 these types of games supposed to be on a SIPRNET
- 20 computer?
- 21 A. They were on the T drive, sir. I didn't know

- 1 if they were authorized for our purposes or not.
- 2 Q. And the games that were there, they were
- 3 basically something that you would double click and it
- 4 would start up, correct?
- 5 A. Yes, sir.
- Q. And that's an executable file, right?
- 7 A. I'm still not really all that familiar with
- 8 the executable file, but --
- 9 THE COURT: Do you know if it's an executable
- 10 file or not?
- 11 THE WITNESS: I'm not familiar with
- 12 executable file.
- 13 BY MR. COOMBS:
- Q. Do you know what an executable file is?
- A. From my understanding, it's like a shortcut.
- 16 I'm not sure if I'm right or not.
- 17 THE COURT: The witness doesn't know, Mr.
- 18 Coombs. Move on, please.
- 19 BY MR. COOMBS:
- Q. With regard to mIRC chat, how was that on the
- 21 DCGS-A computers?

- It was installed in the program files. 1 Α.
- 2 That's your memory, it was installed in the Q. 3 program files?
- 4 If I wanted to get the shortcut, I had to go Α. in there and pull a shortcut out to my desktop. 5
- 6 Q. Okay. So from your perspective, mIRC chat was 7 something that was part of the DCGS-A computer baseline programs? 8
- Not initially. It had to be put on after by Α. Mr. Millman. 10
- 11 Q. And that's your testimony?
- Yes, sir. 12 Α.
- 13 Q. Okay. I want to ask you about those DCGS-A 14 computers. Heat was a problem for the DCGS computer,
- correct?

- 16 Α. Yes, sir.
- 17 And even if they were in an air conditioned 0. 18 room, heat was a problem for the DCGS?
- 19 Α. Yes, sir.
- And when these were overheated, they would 20 Q. tend to crash? 21

- 1 A. That's correct, sir.
- Q. And they would crash either because of the
- 3 heat, and sometimes they'd even crash because of the dust
- 4 of being in the desert environment?
- 5 A. Yes, sir.
- 6 Q. And when the DCGS computers crashed, you would
- 7 lose information?
- 8 A. Yes, sir.
- 9 Q. And so to combat that, soldiers were
- 10 instructed to basically save their information in other
- 11 locations?
- 12 A. Yes, sir.
- 13 Q. And a soldier could save that information on
- 14 the T drive?
- 15 A. That's correct.
- Q. And if a soldier wanted to, they could save
- 17 that information on to a CD?
- 18 A. Correct.
- 19 Q. And there was no limitation as to what a
- 20 soldier could or could not save on to the T drive,
- 21 correct?

- 1 A. Not that I was aware of, sir.
- Q. So if I saw something on the SIPRNET and I
- 3 wanted to put it on the T drive, I was permitted to do
- 4 that?
- 5 A. Yes, sir.
- 6 Q. Because they were both secret level, correct?
- 7 A. Yes, sir.
- 8 Q. And there's no limitation on what a soldier
- 9 could pull from the SIPRNET and put on to a CD?
- 10 A. Only the size of the CD, sir.
- 11 Q. Correct. So if I saw something on SIPRNET and
- 12 I wanted to put it on a CD, I could do that?
- 13 A. You could, sir.
- Q. And then I would label it appropriately?
- 15 A. Yes, sir.
- 16 Q. Now, you talked about the non-disclosure
- 17 agreements, and you said -- if I could retrieve
- 18 prosecution exhibit 60. You went over the -- I'm showing
- 19 the witness what's been marked or what is prosecution
- 20 exhibit 60. I'm handing that to the witness.
- You said you went over that with every person

- 1 who signed it?
- A. Yes, sir.
- Q. And you went to paragraph four that talks

 about all the provisions that you could be in trouble for

 if you violated the non-disclosure agreement?
- A. Yes, sir.
- Q. And did you, do you know what those provisions are?
- 9 A. I did at the time, but I haven't looked at
 10 them in a few years, sir. I had them readily available
 11 if needed.
- Q. But you've signed non-disclosure agreements since you worked there, right?
- 14 A. Yes, sir.
- Q. So I imagine you signed something like that?
- 16 A. Yes, sir.
- Q. So when you signed it, did you know what those provisions were?
- 19 A. For some, probably not.
- Q. Okay. And if you go to the back of that, it says, I guess it's paragraph 11, it says that all these

- 1 provisions are now available for you to look at?
- A. Yes, sir.
- Q. And how was that done?
- A. I had them locally on my computer.
- 5 Q. And did you actually open them up and show
- 6 them to the soldiers?
- 7 A. Nobody ever so chose.
- 8 Q. Never. Okay.
- 9 Now, I'll retrieve prosecution exhibit 60
- 10 from the witness.
- How long did you go over an NDA agreement
- 12 typically with a soldier?
- A. It generally wasn't very long, sir.
- 14 Q. Like how much time?
- 15 A. Maybe less than ten minutes. Enough time for
- 16 them to read it and ask any questions and sign the paper,
- 17 sir.
- 18 Q. And how often did you get question like a
- 19 soldier saying I need to ask a few questions about this?
- 20 A. Almost never.
- 21 Q. So they basically just read and signed it?

- 1 A. Yes, sir.
- Q. And did you have a soldier read it out loud to you as they read it?
- A. No, sir.
- Q. And you went, Major Fein had you talk about each of the few sentences you read out loud to us and then you said what you would say, right?
- 8 A. Yes, sir.
- 9 Q. Did you do this every time, like I'm going to 10 read this sentence and then --
- 11 A. Usually I gave the gist at the beginning and 12 the end to make sure they understood the main point, sir.
- Q. So it wasn't like you read that provision to them and then explained to them what it meant?
- 15 A. Correct, sir.
- Q. Major Fein also asked you about a whole bunch
 of places and whether or not you had a reason to go
 there. Again, my understanding, if I'm an all-source
 analyst and it's on the SIPRNET, I can go look at it if I
 want to, is that right?
- 21 A. You could, sir.

- Q. So even if I don't necessarily have a reason but I'm thinking, you know what, I want to see what's going on in Afghanistan, I want to see, I don't know, maybe if the enemy is using the same tactics they're using in Iraq, I could go look at CIDNE Afghanistan?

 A. You could.

 Q. If I were one of your analysts and you came over my shoulder and I was looking at CIDNE Afghanistan, you wouldn't say, oh, wait a second, stop.

 A. I would ask why you're there and what you're
- Q. And if I said, oh, I just want to see if the enemy there is using something similar to what the enemy is using here, I guess you would be okay with that?
- A. With a good justification, yes.
- Q. All right. Now, with regards to the GAL, do you know what the GAL is?
- 18 A. No, sir.

looking for.

1

2

3

4

5

6

7

8

9

10

- Q. I mean you were asked any reason to go to the GAL. Do you know what you were asked?
- 21 A. No, sir.

So when you said, no, I mean you said no 1 Q. 2 because you didn't know what the GAL was? 3 Α. I don't remember being asked about the GAL. THE COURT: What is a GAL? 4 MR. COOMBS: The global address list. 5 6 THE COURT: Hang on. Global what? 7 MR. COOMBS: Global address list. BY MR. COOMBS: 8 9 Q. Do you recall being asked did you have any reason to download the GAL, the global address list? 10 11 Α. Yes. 12 0. Do you know what that is? It's generally, if I'm understanding 13 Α. correctly, it's the address list of email addresses 14 15 throughout the entire U.S. Army and DOD. Oh, so you think it's for the entire U.S. Army 16 Q. 17 and DOD? 18 Α. It's a very big list, sir. Okay. All right. So if I wanted to download 19 Q. all of say, oh, I don't know, the brigade that's deployed 20 21 with me, their address list, could I do that?

- I'm sure you could. I couldn't begin to tell Α. you how to do it, but I'm sure you could.
- 0. And if I wanted to do that like maybe export that to Excel or whatnot just with everyone's name and address, and if I could show you I could do that, would 5 you have a problem with that?
- I would again ask the relevance of why whoever 7 was doing it. 8
 - Q. And if the Internet activity, the SIPRNET was down, would you have access to the global address list?
- 11 Α. No, you would not, sir. That would take the 12 Outlook program down with it.
 - Q. Okay. So if somebody downloaded the address list just to have the address list, didn't do anything with it, from your knowledge, was there any prohibition that was put out not to do that?
- 17 Not to my knowledge, no, sir.
- 18 The SigActs for the CIDNE database in the Q. 2009-2010 timeframe, do you recall that database ever not 19 20 being available to you as an analyst?
- 21 Α. I don't, sir.

2

3

4

6

9

10

13

14

15

Subsequent to PFC Manning leaving the SCIF in 1 Q. 2 May of 2010, did you as an analyst ever not have access 3 to the SigActs? MR. FEIN: Objection, Your Honor. Relevance. 4 THE COURT: What is the relevance? 5 6 MR. COOMBS: Relevance, ma'am, would go 7 toward the 631 offense, the conversion. THE COURT: How is that relevant? 8 9 MR. COOMBS: Again, the government has argued either stealing, purloining or knowingly converts. 10 of the requirements for conversion is that there's been 11 some substantial interference --12 13 THE COURT: All right. Overruled. 14 BY MR. COOMBS: 15 Q. So with regards to after the May 2010 16 timeframe, did your unit, because you said nothing in the 17 2009 to 2010 timeframe, you always had access to the 18 CIDNE database, correct? 19 When I went there, yes. From what I remember. Α. 20 Q. Anytime while you were in Iraq, did you not have access to the CIDNE database? 21

- 1 A. I can't remember a time that I didn't have it.
- Q. And when did you leave Iraq?
- A. May 2010 timeframe.
- Q. Okay. So then after May 2010 as an analyst I guess you probably still had access to CIDNE database?
- A. If I needed to, I could have requested my account be unlocked and go to it, but I didn't.
 - Q. Did you ever hear of the CIDNE database not being available to analysts after May of 2010?
- 10 A. I never heard of it, no, sir.
- MR. COOMBS: Chief Balonek, thank you. I
- 12 have no further questions.
- 13 THE COURT: Redirect?
- MR. FEIN: Yes, ma'am.
- 15 REDIRECT EXAMINATION
- 16 BY MR. FEIN:

- Q. To clarify, Chief Balonek, when earlier I
 asked was there any reason for an analyst to download the
 global address list book for Iraq, is there any reason
 why one of you or your analysts would have done that?
- 21 A. I can't think of a reason it was necessary,

- 1 sir.
- Q. The reference to SigActs, you testified a moment ago that there were no true, quote, true human sources. What were, explain what a human source is, please, for the court.
- A. Human source is just that, a source of information that would either come in to talk to U.S.

 forces and provide information on individuals, persons, places, events, and that information would go into a written report and be published to, published to the brigade.
- Q. Keeping this unclassified, are there different levels of human sources within the United States government?
- 15 A. Yes, sir.
- Q. Okay. And in keeping it unclassified, could you just briefly explain how there are different levels of human sources?
- A. It boils down to the agency that is usually running that source and the information that that source provides.

21

sources?

A.

Yes, sir.

- Q. Is a conversation that an infantry man has on the ground with a local national, could that be a human source?
- A. It could be, sir.
- Q. And for the SigAct database, what were the sources or, excuse me, for CIDNE, what were the sources for the human side of CIDNE?
 - A. They were all categorized by number. They were generally, I mean you had to actually go in and read some of the source notes to know there's a very redacted version of their background. For the most part they were local national.
- Q. Okay. And then did SigActs also contain information about local nationals?
- 15 A. Yes, sir.

10

11

12

- Q. Did the SigActs have information about local nationals using codes or their actual names?
- 18 A. If they were in there for a SigAct on a
 19 casualty, sir, or --
- Q. Any type of SigAct, any of the hundred you said types of SigAct, could there be local national

- 1 names?
- 2 A. Yes, there could be, yes, sir.
- Q. And did analysts rely on those local national names in SigActs depending on the project or task?
- 5 A. I wouldn't say rely, sir. It was information 6 that was there, if it was needed.
- Q. And was there other identifying information
 8 within SigActs?
- 9 A. Yes, sir.
- Q. What other type of identifying information of anyone was in there?
- 12 A. You could have battle roster numbers of U.S.
 13 persons that were injured or killed.
- Q. So for U.S. persons, what type of information are in the SigActs?
- A. Usually their battle roster, which is a combination of initials, it's an alphanumeric code.
- 18 Q. Are names in SigActs at times?
- 19 A. Yes, sir.
- Q. What about unit identifiers?
- 21 A. Yes, sir.

- Q. What about homes of local nationals, like their residence, where they work?
- 3 A. They could be, yes, sir.
- Q. How often did SIPRNET actually go down in your experience in that last deployment?
- A. Sporadically, maybe between five and ten different times that I can remember.
- Q. Over the whole deployment or per week?
- 9 A. Per the whole deployment, sir.
- Q. And those five or ten sporadic times, how long was it down for?
- 12 A. It could range from 30 minutes to an hour to many hours.
- 14 Q. So what's the longest?
- 15 A. Three to four hours maybe.
- Q. Do you remember on your deployment if you ever had a period of time that SIPRNET went down where you needed actionable intelligence at that moment?
- 19 A. I can't, sir.
- 20 Q. During the last deployment.
- 21 A. Yes, sir.

- Q. Was Private First Class Manning watched or monitored every moment he was in the SCIF?
- A. No, sir.
- 4 Q. Why not?
- 5 A. Because he worked with us. He had that level of trust as a coworker.
- 7 Q. But he had access to classified information?
- 8 A. Yes, sir.
- Q. So why was he not monitored?
- A. He worked with us, sir. You have to trust the other analyst beside you. It's literally impossible to watch someone 24 hours a day, sir, and conduct your own research and analysis.
 - Q. And if you were standing over Private First
 Class Manning at a SIPRNET computer and saw him remove a
 CD and take it to his CHU, would you have stopped him?
- 17 A. Yes, sir.

15

16

- Q. If you had seen him move a detainee assessment report and put them on a CD and take them to his CHU, would you have stopped him?
- 21 A. Yes, sir.

- If you saw him burn 250,000 Department of 1 Q. 2 State cables to a CD and take them to his CHU, would you 3 have stopped him? 4 Yes, sir. Α. Is that something you witnessed? 5 Q. 6 Α. No, sir. 7 MR. FEIN: Thank you. No further questions, Your Honor. 8 9 THE COURT: Briefly. 10 MR. COOMBS: Thank you, Your Honor. 11 RECROSS EXAMINATION BY MR. COOMBS: 12 13 Q. So if you had seen him put mIRC chat on Specialist Showman's computer, would you have stopped him? 15 I would have asked him why he's installing 16 Α. software in the DCGS. 17
- Q. And he said, well, it's not a problem, I can
- 19 do this?
- 20 A. It still would have had to go through the DFC.
- 21 Q. So you would have stopped him?

- 1 A. Yes, sir.
- Q. Now with regard to the names in SigActs, when we're talking names in SigActs, this is from a low level reporting unit who is writing down a name?
- 5 A. Yes, sir.

- Q. And I'm correct, am I not, that there are 50 different ways in the CIDNE database to spell Mohammed?
 - A. There may be even more, sir.
- 9 Q. And it's not because there are that many
 10 different ways to spell Mohammed, correct, it's just
 11 because that's how a person typed it into a SigAct?
- A. Very possible, sir. But there are many different ways to spell it.
- Q. I know. That's because people phonetically spell Arabic names, correct?
- 16 A. Yes, sir.
- 17 Q. And they don't get the full Arabic names?
- 18 A. Not at all times.
- Q. So when an on-ground soldier is typing the
 name of somebody or putting a name down, this is not like
 getting an ID from somebody and saying, okay, I see that

- you're, you know, Mr. David Coombs, this is where you live, let me write this down. That's not the type of information you put in a SigAct, right?
- A. It depends on the contact, sir. Sometimes
 when that type of information is found it can go in the
 SigAct.
- Q. But I'm talking about the source. If you're talking to somebody on the ground, you're a unit and you roll into some place and you see an IED and say what happened, and Mohammed Alpak says we saw some people here, you need write down Mohammed Alpak, that's how you get the name, right?
- 13 A. To my knowledge, yes.
- Q. And you said there are different levels of sources. The sources that you relied on for human intelligence came from humans, is that correct?
- 17 A. Yes, sir.
- 18 Q. You also said that sometimes the CI would have 19 names of soldiers that were would be killed?
- 20 A. Yes, sir.
- Q. And unit identifiers?

```
Yes, sir.
1
         Α.
 2
                And if a soldier was killed, am I correct that
         Q.
 3
    after their next of kin was notified, PAO would do,
    public affairs office would do a release saying this
4
    soldier from this unit was killed?
5
6
         Α.
                Yes, at some point after, yes, sir.
7
                 MR. COOMBS: Okay. Thank you. No further
    questions.
8
9
                 THE COURT: Any final redirect?
10
                 MR. FEIN: No, ma'am.
11
                 THE COURT: I have a couple of questions for
12
    you.
13
                 You testified earlier that there would be
14
    times I think in your words you used that work was low
15
    and people would watch movies and do other things that
    weren't work-related. If an intelligence analyst rather
16
17
    than watching a movie was interested in politics and
18
    wanted to surf the SIPR, if you will, to look at things
19
    that weren't pertinent to his job or her job, is there a
20
    prohibition against that or not?
21
                 THE WITNESS: There's not, ma'am.
```

	154
1	THE COURT: Any follow-up based on that?
2	MR. FEIN: No, ma'am.
3	MR. COOMBS: No, Your Honor.
4	THE COURT: Temporary or permanent excusal.
5	MR. FEIN: Temporary excusal.
6	THE COURT: All right. You are temporarily
7	excused. Please do not discuss your testimony with
8	anyone other than the attorneys or the accused while the
9	trial is going on. You are free to go.
10	Are you thinking it's about a good time to
11	have a lunch recess?
12	MR. FEIN: Yes, ma'am.
13	THE COURT: All right. Come back at 1330.
14	MR. FEIN: Yes, ma'am.
15	MR. COOMBS: Yes, Your Honor.
16	THE COURT: Anything we need to address
17	before recess?
18	MR. COOMBS: No, Your Honor.
19	MR. FEIN: No, Your Honor.
20	THE COURT: Court is in recess.
21	

43:5,6;44:2;46:7;48:21; agree (2) analyst (58) 15:3;17:11,13;21:2,10; 61:16;81:8;103:1;110:13; 67:5;106:4 A 113:20;118:21;119:4; agreement (36) 24:4;29:4,7;42:10;48:8,11; 137:5;146:9;148:4 24:19;41:21;42:4;57:7, 52:3,6,16,17;53:13,15;55:6; ability (2) add (1) 12;58:12,13,14;59:1,3,6,11, 76:11;78:8;80:1;82:15; 73:7;125:10 97:6 14,15;60:1,10;63:1,2,5,17; 85:14;87:13,20;88:7;89:17; able (1) added (1) 64:1,6,12;65:9,17;68:5; 91:20;93:12,17;94:17; 46:10 111:15 69:15;70:15,18;73:11,14; 102:13;105:18,20;106:2; above (2) addition (2) 83:5,9;128:20;136:5; 107:7,12,16,18;108:1,4; 120:10.10 30:10:68:19 137:11 114:4.11.17:115:9.11: accept (1) additional (2) 117:9,16,19;118:12;121:10; agreements (4) 66:2 56:2;115:1 56:6;59:7;135:17;136:12 138:19;141:20;142:2; access (38) address (14) 143:4,18;149:11;153:16 ahead (6) 11:3,5;29:15,16,17;45:5; 6:17;89:10;96:6;140:5,7, 15:11;46:20;47:5;61:4; analysts (30) 49:2;57:8,9;58:10;60:13,15, 10,14,21;141:5,10,13,14; 93:8;131:10 18:4;20:11;21:4;35:10; 21;61:1,5,18,21;62:4,7,12, 143:19;154:16 **AID** (1) 38:18,21;40:7;62:16;75:17; 20;66:3;69:14,15;72:7; 76:2;84:20;85:21;86:14; addressed (1) 116:12 73:7:82:16:83:3.7:93:21: **AIP** (1) 5:8 90:3,13;92:6;94:2,11,14,20; 118:17;119:7;141:10; addresses (1) 44:1 95:9,18,21;106:11,14; 142:2,17,21;143:5;149:7 140:14 air (2) 107:7;139:7;143:9,20; accessible (1) adjudication (1) 94:12:133:17 147:3 89:14 56:9 Airborne (1) analytical (3) accessing (1) Adkins (4) 53:19;86:21;114:18 82:7 44:14 104:16;127:5,10,20 airman (1) announced (1) accident (1) administration (1) 84:12 39:9 110:17 annual (1) 54:14 airplane (1) accidental (1) admitted (2) 48:15 102:12 110:16 64:20;74:2 **AIT (3)** answered (2) accomplish (2) advance (1) 51:20;53:11;59:11 70:16;130:15 79:17:85:21 126:3 allow (2) AO (1) according (2) advantage (1) 5:9:52:11 12:6 7:7;50:8 66:17 allowed (11) Apache (5) account (2) adverse (2) 29:7;35:19,20;37:7;38:7, 31:9,12,19;32:15;48:3 56:7;143:7 99:10,14 9,18;39:8;70:2;131:14,17 appellate (2) accounting (1) advised (3) allows (1) 5:5,6 114:5 95:7 appointed (2) 66:13:68:4,19 accused (3) all-source (12) 54:9;56:2 aerial (1) 9:2;49:13;154:8 appropriate (4) 99:3 17:13;29:4,7;51:1;52:3,5, acknowledge (2) 30:2;32:15;58:5;127:17 affairs (2) 16,17;55:6;84:11;107:7; 70:16;73:17 5:14:153:4 138:18 appropriately (1) acquaintances (1) affirmatively (1) 135:14 almost (4) 58:1 71:6 24:9;29:2;82:10;137:20 approve (1) across (2) Afghan (2) along (2) 36:17 78:18;87:19 76:16;127:9 116:21;145:12 approved (4) action (2) 36:6,9,14;86:14 Afghanistan (11) Alpak (2) 99:10,14 75:8,14;76:18;89:3,5,15, 152:10,11 approximately (10) actionable (1) 18;94:12;139:3,5,8 Alpha (1) 9:9;11:15;13:1;15:18; 148:18 Africa (1) 53:7 17:6,6;19:5;38:15;75:18; actions (1) 94:7 alphanumeric (1) 81:7 32:14 147:17 AR (1) again (15) active (3) 16:7;47:21;55:5;84:8; although (3) 95:21 7:15,17;8:2 86:10;90:21;97:20;100:21; 6:10,13;74:6 Arabic (2) activities (4) 151:15,17 110:8,21;115:17;116:10; always (3) 16:19;21:18;74:14;87:14 138:18;141:7;142:9 11:6;130:3;142:17 ArcGIS (9) activity (7) 23:6;79:5;80:9;86:17,20; against (6) America (1) 14:4;15:8;87:16;89:4; 41:21;42:4;43:21;93:6; 87:10,11,13,21 94:3 90:8:110:4:141:9 100:20;153:20 amount (3) area (13) actual (10) agencies (3) 14:10,11;36:5 6:14;10:9;14:6;23:4,8; 6:10:10:1:20:5.10:21:19: 54:1;68:9;75:2 amounts (1) 30:7;34:12;62:14;78:15; 45:2,7;60:3;85:6;146:17 agency (3) 88:2 83:20;98:11;103:17;107:16 actually (31) 67:11,11;144:19 analysis (8) areas (7) 14:19;15:21;17:17,18; ago (2) 34:9;53:4;54:2;83:21; 54:1;83:21;88:4;92:3,19; 18:18;24:12;26:3;33:1,11, 87:18;90:1;114:7;149:13 108:20;129:17 58:11;144:3 13;36:4,7,16;37:9;39:1,10;

	T	0	,
argued (1)	attack (3)	baseline (1)	20:11;53:8;72:13;75:11;
142:9	92:5;93:4,6	133:7	104:4;128:10;135:6
Arizona (1)	attacked (1)	basic (2)	bottom (2)
24:5	85:19	53:11;69:7	91:17;112:19
arms (1)	attacks (3)	Basically (13)	boundaries (1)
93:6	89:4;90:11;93:5	25:17;57:6,19;79:19;	34:12
Army (12)	attempt (1)	110:3;111:2;112:6;124:8;	boundary (1)
45:2;51:7,10;54:10;	92:5	127:14,16;132:3;134:10;	88:4
57:17;59:11;70:4;86:3,7;	attend (6)	137:21	box (1)
126:3;140:15,16	10:8;53:9,14;76:11,20;	basis (5)	106:12
around (8)	77:1	18:6;27:21;47:3;61:7;	Bradley (2)
15:13;20:13;38:11;42:19;	attended (4)	62:8	50:15;64:4
43:14,20;44:4;82:18	53:11,13;75:21;78:9	battalion (1)	breach (1)
arrested (1)	attorneys (1)	55:1	68:4
69:10	154:8	battle (3)	break (3)
arrival (1)	August (2)	112:4;147:12,16	15:17;49:16;129:8
82:11	54:7,8	battlefield (1)	brief (11)
arrive (3)	authority (1)	34:21	14:20,20;15:3;19:19;
11:17;55:7,10	5:9	became (6)	20:11;21:4,10;22:1;49:16,
arrived (14)	authorization (1)	27:4;101:18;103:6,9;	20;59:4
8:15;11:4,20;26:21;	67:10	115:8;131:17	briefed (1)
55:18;56:17;57:2;58:4,21;	authorize (1) 5:14	become (3) 51:18;53:2;114:18	59:21 briefing (6)
81:8,9,12,13;103:1 arrives (1)	authorized (12)		21:2,9;53:5,20;70:16;
58:2	5:17,21;42:10;67:8,19;	began (1) 56:13	128:20
arriving (1)	69:17;128:18;129:6,19,20,	begin (1)	briefings (4)
81:10	21;132:1	141:1	53:21;74:18,20;75:5
AS2 (2)	available (9)	beginning (7)	briefly (6)
84:12,19	6:13;23:14;61:9;70:17;	85:10;104:9,15,18,19;	54:19;84:2,8;86:10;
Asia (1)	115:19;136:10;137:1;	115:15;138:11	144:17;150:9
94:9	141:20;143:9	belongs (1)	briefs (1)
Aside (2)	aware (5)	58:16	74:12
	awaie (3)		/ 4. 1 4
* *	` '		
63:1;124:1	6:4;39:12;75:4;98:8; 135:1	below (2) 8:20;76:3	Brigade (26)
* *	6:4;39:12;75:4;98:8;	below (2)	Brigade (26) 8:10;10:1;12:12,13;
63:1;124:1 aspect (1)	6:4;39:12;75:4;98:8;	below (2) 8:20;76:3	Brigade (26)
63:1;124:1 aspect (1) 29:20	6:4;39:12;75:4;98:8; 135:1	below (2) 8:20;76:3 beside (1)	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6;
63:1;124:1 aspect (1) 29:20 assessing (1)	6:4;39:12;75:4;98:8; 135:1	below (2) 8:20;76:3 beside (1) 149:11	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15;
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18;	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4)	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1)	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2)
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2)	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3)	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1)	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3)
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2)	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1)	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1)	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1)
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4)	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3)	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15 assigned (8)	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4) 12:7,8,9;81:1	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3) 37:3,6;44:7	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17 broad (2)
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15 assigned (8) 8:5,9,16;27:13;99:11;	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4) 12:7,8,9;81:1 ball (2)	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3) 37:3,6;44:7 biannually (1)	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17 broad (2) 17:18;28:14
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15 assigned (8) 8:5,9,16;27:13;99:11; 120:3;123:16,18	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4) 12:7,8,9;81:1 ball (2) 39:6,6	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3) 37:3,6;44:7 biannually (1) 24:9	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17 broad (2) 17:18;28:14 broader (1)
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15 assigned (8) 8:5,9,16;27:13;99:11; 120:3;123:16,18 assist (5)	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4) 12:7,8,9;81:1 ball (2) 39:6,6 Balonek (17)	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3) 37:3,6;44:7 biannually (1) 24:9 big (2)	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17 broad (2) 17:18;28:14 broader (1) 107:19
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15 assigned (8) 8:5,9,16;27:13;99:11; 120:3;123:16,18 assist (5) 13:19;54:1;56:3;82:5;	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4) 12:7,8,9;81:1 ball (2) 39:6,6 Balonek (17) 31:21;50:4,6,14;61:19;	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3) 37:3,6;44:7 biannually (1) 24:9 big (2) 92:16;140:18	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17 broad (2) 17:18;28:14 broader (1) 107:19 brought (3)
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15 assigned (8) 8:5,9,16;27:13;99:11; 120:3;123:16,18 assist (5) 13:19;54:1;56:3;82:5; 88:10	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4) 12:7,8,9;81:1 ball (2) 39:6,6 Balonek (17) 31:21;50:4,6,14;61:19; 63:13;65:4,6;73:2;74:5;	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3) 37:3,6;44:7 biannually (1) 24:9 big (2) 92:16;140:18 Bird (1)	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17 broad (2) 17:18;28:14 broader (1) 107:19 brought (3) 37:19,20;38:12
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15 assigned (8) 8:5,9,16;27:13;99:11; 120:3;123:16,18 assist (5) 13:19;54:1;56:3;82:5; 88:10 associate (1)	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4) 12:7,8,9;81:1 ball (2) 39:6,6 Balonek (17) 31:21;50:4,6,14;61:19; 63:13;65:4,6;73:2;74:5; 96:8;97:3;99:10;100:14;	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3) 37:3,6;44:7 biannually (1) 24:9 big (2) 92:16;140:18 Bird (1) 107:3	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17 broad (2) 17:18;28:14 broader (1) 107:19 brought (3) 37:19,20;38:12 building (2)
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15 assigned (8) 8:5,9,16;27:13;99:11; 120:3;123:16,18 assist (5) 13:19;54:1;56:3;82:5; 88:10 associate (1) 91:2	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4) 12:7,8,9;81:1 ball (2) 39:6,6 Balonek (17) 31:21;50:4,6,14;61:19; 63:13;65:4,6;73:2;74:5; 96:8;97:3;99:10;100:14; 101:15;143:11,17	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3) 37:3,6;44:7 biannually (1) 24:9 big (2) 92:16;140:18 Bird (1) 107:3 bit (4)	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17 broad (2) 17:18;28:14 broader (1) 107:19 brought (3) 37:19,20;38:12 building (2) 20:4;61:2
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15 assigned (8) 8:5,9,16;27:13;99:11; 120:3;123:16,18 assist (5) 13:19;54:1;56:3;82:5; 88:10 associate (1) 91:2 associated (1)	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4) 12:7,8,9;81:1 ball (2) 39:6,6 Balonek (17) 31:21;50:4,6,14;61:19; 63:13;65:4,6;73:2;74:5; 96:8;97:3;99:10;100:14; 101:15;143:11,17 bandwidth (3)	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3) 37:3,6;44:7 biannually (1) 24:9 big (2) 92:16;140:18 Bird (1) 107:3 bit (4) 44:9;85:12;117:2;126:21	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17 broad (2) 17:18;28:14 broader (1) 107:19 brought (3) 37:19,20;38:12 building (2) 20:4;61:2 bunch (1)
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15 assigned (8) 8:5,9,16;27:13;99:11; 120:3;123:16,18 assist (5) 13:19;54:1;56:3;82:5; 88:10 associate (1) 91:2 associated (1) 83:20	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4) 12:7,8,9;81:1 ball (2) 39:6,6 Balonek (17) 31:21;50:4,6,14;61:19; 63:13;65:4,6;73:2;74:5; 96:8;97:3;99:10;100:14; 101:15;143:11,17 bandwidth (3) 96:15,17,18	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3) 37:3,6;44:7 biannually (1) 24:9 big (2) 92:16;140:18 Bird (1) 107:3 bit (4) 44:9;85:12;117:2;126:21 BNOC (1)	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17 broad (2) 17:18;28:14 broader (1) 107:19 brought (3) 37:19,20;38:12 building (2) 20:4;61:2 bunch (1) 138:16
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15 assigned (8) 8:5,9,16;27:13;99:11; 120:3;123:16,18 assist (5) 13:19;54:1;56:3;82:5; 88:10 associate (1) 91:2 associated (1) 83:20 associate's (1)	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4) 12:7,8,9;81:1 ball (2) 39:6,6 Balonek (17) 31:21;50:4,6,14;61:19; 63:13;65:4,6;73:2;74:5; 96:8;97:3;99:10;100:14; 101:15;143:11,17 bandwidth (3) 96:15,17,18 barista (1)	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3) 37:3,6;44:7 biannually (1) 24:9 big (2) 92:16;140:18 Bird (1) 107:3 bit (4) 44:9;85:12;117:2;126:21 BNOC (1) 53:12	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17 broad (2) 17:18;28:14 broader (1) 107:19 brought (3) 37:19,20;38:12 building (2) 20:4;61:2 bunch (1) 138:16 burn (1)
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15 assigned (8) 8:5,9,16;27:13;99:11; 120:3;123:16,18 assist (5) 13:19;54:1;56:3;82:5; 88:10 associate (1) 91:2 associated (1) 83:20 associate's (1) 54:13	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4) 12:7,8,9;81:1 ball (2) 39:6,6 Balonek (17) 31:21;50:4,6,14;61:19; 63:13;65:4,6;73:2;74:5; 96:8;97:3;99:10;100:14; 101:15;143:11,17 bandwidth (3) 96:15,17,18 barista (1) 10:13	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3) 37:3,6;44:7 biannually (1) 24:9 big (2) 92:16;140:18 Bird (1) 107:3 bit (4) 44:9;85:12;117:2;126:21 BNOC (1) 53:12 body (3)	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17 broad (2) 17:18;28:14 broader (1) 107:19 brought (3) 37:19,20;38:12 building (2) 20:4;61:2 bunch (1) 138:16 burn (1) 150:1
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15 assigned (8) 8:5,9,16;27:13;99:11; 120:3;123:16,18 assist (5) 13:19;54:1;56:3;82:5; 88:10 associate (1) 91:2 associated (1) 83:20 associate's (1) 54:13 assume (1)	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4) 12:7,8,9;81:1 ball (2) 39:6,6 Balonek (17) 31:21;50:4,6,14;61:19; 63:13;65:4,6;73:2;74:5; 96:8;97:3;99:10;100:14; 101:15;143:11,17 bandwidth (3) 96:15,17,18 barista (1) 10:13 base (4)	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3) 37:3,6;44:7 biannually (1) 24:9 big (2) 92:16;140:18 Bird (1) 107:3 bit (4) 44:9;85:12;117:2;126:21 BNOC (1) 53:12 body (3) 80:15,17,18	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17 broad (2) 17:18;28:14 broader (1) 107:19 brought (3) 37:19,20;38:12 building (2) 20:4;61:2 bunch (1) 138:16 burn (1) 150:1 business (1)
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15 assigned (8) 8:5,9,16;27:13;99:11; 120:3;123:16,18 assist (5) 13:19;54:1;56:3;82:5; 88:10 associate (1) 91:2 associated (1) 83:20 associate's (1) 54:13 assume (1) 71:11	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4) 12:7,8,9;81:1 ball (2) 39:6,6 Balonek (17) 31:21;50:4,6,14;61:19; 63:13;65:4,6;73:2;74:5; 96:8;97:3;99:10;100:14; 101:15;143:11,17 bandwidth (3) 96:15,17,18 barista (1) 10:13 base (4) 41:14;100:2;106:8;	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3) 37:3,6;44:7 biannually (1) 24:9 big (2) 92:16;140:18 Bird (1) 107:3 bit (4) 44:9;85:12;117:2;126:21 BNOC (1) 53:12 body (3)	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17 broad (2) 17:18;28:14 broader (1) 107:19 brought (3) 37:19,20;38:12 building (2) 20:4;61:2 bunch (1) 138:16 burn (1) 150:1 business (1) 54:13
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15 assigned (8) 8:5,9,16;27:13;99:11; 120:3;123:16,18 assist (5) 13:19;54:1;56:3;82:5; 88:10 associate (1) 91:2 associated (1) 83:20 associate's (1) 54:13 assume (1)	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4) 12:7,8,9;81:1 ball (2) 39:6,6 Balonek (17) 31:21;50:4,6,14;61:19; 63:13;65:4,6;73:2;74:5; 96:8;97:3;99:10;100:14; 101:15;143:11,17 bandwidth (3) 96:15,17,18 barista (1) 10:13 base (4)	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3) 37:3,6;44:7 biannually (1) 24:9 big (2) 92:16;140:18 Bird (1) 107:3 bit (4) 44:9;85:12;117:2;126:21 BNOC (1) 53:12 body (3) 80:15,17,18 boils (1)	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17 broad (2) 17:18;28:14 broader (1) 107:19 brought (3) 37:19,20;38:12 building (2) 20:4;61:2 bunch (1) 138:16 burn (1) 150:1 business (1)
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15 assigned (8) 8:5,9,16;27:13;99:11; 120:3;123:16,18 assist (5) 13:19;54:1;56:3;82:5; 88:10 associate (1) 91:2 associated (1) 83:20 associate's (1) 54:13 assume (1) 71:11 assumed (1)	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4) 12:7,8,9;81:1 ball (2) 39:6,6 Balonek (17) 31:21;50:4,6,14;61:19; 63:13;65:4,6;73:2;74:5; 96:8;97:3;99:10;100:14; 101:15;143:11,17 bandwidth (3) 96:15,17,18 barista (1) 10:13 base (4) 41:14;100:2;106:8; 107:20	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3) 37:3,6;44:7 biannually (1) 24:9 big (2) 92:16;140:18 Bird (1) 107:3 bit (4) 44:9;85:12;117:2;126:21 BNOC (1) 53:12 body (3) 80:15,17,18 boils (1) 144:19	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17 broad (2) 17:18;28:14 broader (1) 107:19 brought (3) 37:19,20;38:12 building (2) 20:4;61:2 bunch (1) 138:16 burn (1) 150:1 business (1) 54:13
63:1;124:1 aspect (1) 29:20 assessing (1) 103:13 assessment (1) 149:18 assessments (1) 17:1 assets (1) 103:7 assign (1) 123:15 assigned (8) 8:5,9,16;27:13;99:11; 120:3;123:16,18 assist (5) 13:19;54:1;56:3;82:5; 88:10 associate (1) 91:2 associated (1) 83:20 associate's (1) 54:13 assume (1) 71:11 assumed (1) 36:18	6:4;39:12;75:4;98:8; 135:1 B back (8) 18:20;19:1,4;62:18; 91:21;105:6;136:20;154:13 background (2) 57:20;146:11 bad (2) 101:17;124:15 Baghdad (4) 12:7,8,9;81:1 ball (2) 39:6,6 Balonek (17) 31:21;50:4,6,14;61:19; 63:13;65:4,6;73:2;74:5; 96:8;97:3;99:10;100:14; 101:15;143:11,17 bandwidth (3) 96:15,17,18 barista (1) 10:13 base (4) 41:14;100:2;106:8; 107:20 based (6)	below (2) 8:20;76:3 beside (1) 149:11 besides (1) 115:19 best (4) 55:9;96:17;113:3;116:8 better (3) 14:9;88:16;126:6 beyond (1) 113:7 biannual (3) 37:3,6;44:7 biannually (1) 24:9 big (2) 92:16;140:18 Bird (1) 107:3 bit (4) 44:9;85:12;117:2;126:21 BNOC (1) 53:12 body (3) 80:15,17,18 boils (1) 144:19 book (2)	Brigade (26) 8:10;10:1;12:12,13; 13:15,18;20:5;38:10;42:6; 50:17;55:5;56:3,19,20; 58:3;74:16,17;75:17;82:7; 102:19;113:1,7,9,15; 140:20;144:11 brigade's (2) 12:6;13:15 bring (3) 38:4;75:3;121:18 brings (1) 52:17 broad (2) 17:18;28:14 broader (1) 107:19 brought (3) 37:19,20;38:12 building (2) 20:4;61:2 bunch (1) 138:16 burn (1) 150:1 business (1) 54:13

150:2	5:16,20	89:9,10	Command (2)
call (4)	central (1)	CIDNE-I (1)	111:7,19
6:21;42:14;74:16;81:15	57:17	89:9	commander (8)
called (3)	certain (6)	city (1)	13:18;15:1;20:5;38:10;
7:6;30:11;50:7	14:10,10;38:6,8;82:10;	7:12	52:20;56:2;74:12;75:4
calling (1)	92:21	civilian (3)	commanders (1)
			34:20
25:6	chain (7)	22:13,14;110:18	
calls (2)	111:3;113:1,7;120:7,17,	clarify (1)	commando (1)
7:2;50:3	19;121:15	143:17	15:21
came (8)	change (4)	Class (23)	comment (1)
23:18;31:3;36:4,11;61:8;	14:19;15:3;19:19;20:11	50:15;60:9,12,20;61:17;	80:1
105:6;139:7;152:16	changed (4)	62:15,19;63:4;65:13;71:13,	common (7)
camera (2)	75:15;92:17;104:15;	16;72:1;74:19;75:20;77:10;	21:14;86:3,6;95:17;
32:4;99:3	112:9	78:10,14,20;79:16;80:18;	97:16;128:3,5
can (40)	channel (1)	90:4;149:1,15	communicate (8)
11:6;14:16;30:9;36:1;	98:15	classification (7)	18:7;19:10;40:10,12;
39:13;44:8;49:1;77:16;	channels (2)	23:13,15;29:18;67:12;	42:6;97:18;98:5,9
80:10;81:18;82:6;87:14,15,	98:12,14	91:9,11,15	communicated (2)
16,17;88:1,2,3,3,4,5;90:8;	characterize (1)	classified (24)	19:12,15
91:21;95:11;98:18;102:17,	28:19	15:15;23:19;24:1,20;	communication (5)
17;108:13;109:14;111:9,	charge (2)	44:16;57:8,10;58:15;61:19,	14:7;20:2;40:12;48:14;
14;112:13;113:10;115:15;	47:6;103:13	21;62:21;63:16;65:19;	55:2
126:2,15;138:19;148:7;	charged (3)	66:15;67:6;68:14,20;69:13;	company (1)
150:18;152:5	31:12,15;61:13	72:8;93:17;100:15,16;	55:4
Captain (6)	chart (2)	106:21;149:7	compared (1)
32:17,19;84:12;85:9,10;	34:10;84:10	Clausen (1)	92:15
112:4	charts (1)	84:13	compilation (1)
car (2)	34:15	clear (1)	44:12
46:8;81:21	chat (22)	91:14	compile (1)
care (2)	40:1,7,9,13,14;41:3,15,	clearance (25)	79:21
15:6,14	20;97:13,16,20,21;98:3,6,9,	24:12;29:16;30:2;46:11;	compiling (1)
career (1)	13;99:7;130:3,6;132:20;	56:4,13,14;57:5,11,13,16,	79:18
126:3	133:6;150:13	17;58:5,8;59:8;60:18,19;	complete (7)
carefully (1)	check (1)	67:13;68:10,15;69:7;	16:19;19:20;45:4;48:15;
70:15	72:13	121:11,12,16,20	52:19;62:20;63:4
carry (1)	Chief (23)	clearances (3)	completed (4)
66:21	17:12;27:10,14;31:21;	68:6,7,10	27:21;59:5;123:14;124:2
case (5)	48:8,10;50:3,11,14;61:19;	clearly (1)	completing (2)
9:2;31:13,15;74:16;96:17	63:13;65:4,6;73:2;74:5;	101:3	27:18;125:8
Casland (1)	84:12;96:8;97:3;99:10;	click (3)	completion (1)
99:21	100:14;101:15;143:11,17	40:20;98:17;132:3	16:20
casual (1)	choose (1)	closed (1)	complex (1)
10:1	70:19	112:20	90:11
casualty (1)	choosing (1)	Code (2)	complicated (1)
146:19	10:8	69:2;147:17	11:6
categorized (1)	chose (1)	codes (1)	computer (52)
146:8	137:7	146:17	10:18,19;23:18,19;32:21;
cause (1)	chow (2)	collecting (3)	37:8,17,18;39:2,8,16;40:5;
66:16	15:17,17	22:18,20,21	41:3,6,9,15,16,17,20;42:15;
caveats (1)	Christmas (1)	collection (4)	44:10,14,19;45:2;49:2;
73:8	18:19	97:17;98:11,20;103:6	61:10;62:13;83:3;85:20;
CD (10)	CHU (3)	color (1)	86:12;88:19;97:7,8;111:20;
118:17;119:4,14;134:17;	149:16,19;150:2	88:4	119:1;128:5,9,9,10,14;
135:9,10,12;149:16,19;	CI (1)	Combat (3)	129:5,9;130:4,7,12;131:5,
150:2	152:18	8:10;110:14;134:9	20;133:7,14;137:4;149:15;
cell (8)	CIDNE (26)	combination (2)	150:14
17:18;19:12;20:17,21;	89:1,2,15;91:5;108:5,7,	127:5;147:17	computers (16)
23:1;61:8;62:12;80:5	15;111:11,15,17;113:2;	comfort (1)	10:14,16;11:1,2;38:11;
cells (1)	115:11,13,19;116:18;	49:16	42:5,7,11;45:5;46:1;
75:3	117:13;139:5,8;141:18;	coming (3)	130:10;131:12,15;132:21;
CENTCOM (2)	142:18,21;143:5,8;146:6,7;	32:21;45:8;128:7	133:14;134:6
75:6;96:1	151:7	comma (1)	concede (2)
center (2)	CIDNE-A (2)	64:4	131:4,7

11 @ Bruancy E. Munning	0,0,10 1,1011		5 dine 2, 201
concern (1)	123:1;130:19;131:3,11;	134:6	38:19;53:4,19;78:21;79:3,4,
121:18	132:13,18,19;140:5,7,8;	create (3)	4;80:8;86:1,2,12,14;87:1;
concerns (1)	142:6,9,14;143:11;150:10,	21:12;33:6;83:6	97:9,12;128:9;129:18;
19:10	12;152:1;153:7;154:3,15,18	created (1)	131:12;133:14,18;134:6;
conditioned (1) 133:17	coordinate (1) 8:19	83:7 crew (2)	150:17 DCGS-A (15)
conduct (2)	copy (2)	32:15;33:10	35:13;42:7;86:4,10,16;
82:2;149:12	72:16;79:19	criminal (1)	97:7,11;128:5,9,14;130:12;
conducted (1)	core (1)	69:1	131:5;132:21;133:7,13
85:19	113:1	criminals (1)	dealing (1)
conducting (1)	corps (1)	18:2	35:4
82:4	51:14	CROSS (4)	death (1)
confidence (2)	correctly (1)	25:2;45:18;48:3;101:13	110:17
66:4;68:7 confirmed (1)	140:14 correlated (1)	cumulative (2) 52:7;130:15	debate (2) 28:13;32:14
6:1	85:17	current (2)	debates (1)
conflicted (1)	counsel (4)	50:20;103:3	28:16
78:7	43:16,19;49:12;72:12	currently (1)	debating (1)
conflicts (1)	counseling (2)	7:15	32:16
115:16	25:15;26:2	custody (1)	December (1)
confusion (1)	counselings (1)	68:1	18:19
14:8	25:19	D	declared (1)
connectivity (2) 118:21;119:2	counter (1) 116:12	D	39:13 defense (2)
consider (1)	counterpart (2)	daily (2)	61:15;101:3
47:17	81:13;104:13	74:13;79:18	deficiency (2)
constitute (1)	counterparts (4)	damage (1)	15:7;25:18
68:21	18:1;20:19;40:13;81:14	66:16	define (1)
consumer (1)	country (4)	darkness (1)	77:16
52:20	36:12;82:5,8;94:21	19:11	definitely (3)
contact (1)	couple (3)	data (10)	20:3;78:3;85:13
152:4 contain (1)	18:6;33:2;153:11 course (8)	21:19,21;22:21;53:4; 78:21;87:17;88:5;89:2,19;	degree (3) 54:13;87:16;115:7
146:13	53:11,12,13,15;76:11;	115:15	delegate (2)
contesting (1)	102:10,12;114:17	database (27)	84:20;85:3
101:4	COURT (73)	91:6;95:16;108:5,7,11,15,	delegated (1)
continue (1)	5:2,15,17,19;6:3,16,21;	17,18;111:15,17;113:2;	84:16
72:12	16:7;35:21;45:14;46:14,16,	115:12,13,17,19;116:12,15,	delegating (1)
contractor (1)	19;47:1,5,13,17;49:7,9,11,	20;117:13;141:18,19;	103:7
22:15 control (3)	17,19,19,21;52:11;54:20; 61:14,20;62:2,10;64:18;	142:18,21;143:5,8;146:5; 151:7	demanded (1) 30:5
13:2;31:4;36:10	65:2;66:1;69:18;70:13;	databases (8)	democratic (1)
controls (1)	72:12;74:1;77:16;81:18;	22:19;87:8;89:6;95:12;	29:2
49:1	84:2;86:5,8;100:8,10,12;	108:14;116:17,18;117:7	density (1)
convening (1)	101:2,8;111:18,21;113:5;	date (3)	87:15
5:9	122:19;130:17,21;131:9;	38:17;63:21;64:2	department (5)
conversation (4) 10:2;46:7;126:9;146:1	132:9,17;140:4,6;142:5,8, 13;143:13;144:5;150:9;	dated (1) 5:3	67:11,11;68:9;93:16; 150:1
conversations (3)	153:9,11;154:1,4,6,13,16,	David (1)	Depending (2)
9:18;10:7;28:3	20,20	152:1	96:11:147:4
conversion (2)	courthouse (2)	day (27)	depends (2)
142:7,11	6:9,15	6:8;9:14;11:18;16:3;	145:1;152:4
converts (1)	courtroom (1)	17:8;18:16,20,21;19:2,21;	deploy (4)
142:10	6:10	20:1,3;26:20;32:8,11;	11:9;80:13,15,21
convoy (1)	covering (2)	41:13;43:6;77:7;79:11;	deployed (11)
93:6 Cooley (4)	27:4;70:12 coworker (1)	81:5,7;104:4,7;105:2,13; 124:6;149:12	10:20;22:10;26:6;54:15; 61:4,6;81:1;103:9;122:2;
16:11;17:4;104:10,12	149:6	days (4)	129:13;140:20
COOMBS (37)	CPOF (6)	32:3,6;84:5,15	deploying (1)
6:20;25:3;35:18;36:2;	111:8,10,13,14,18;113:10	DC (1)	11:8
45:10;46:12;49:8;52:7;	crash (3)	10:9	deployment (29)
61:12;64:17;72:18;100:9,	133:21;134:2,3	DCGS (28)	9:10;15:19;28:4;31:4;
21;101:14;112:1;122:20;	crashed (1)	22:3,3,7,16,19;23:10;	55:13,14;74:10,11;75:16,
	·		

TT & Drudley E. Mulliming	0,0,1011	ing Session	5 time 2, 201
20.20-76-0.0.20-77-1.5-	dicalogo (1)	141.10 12.144.10.140.4 11	12.7 9 0.91.1.04.0
20,20;76:9,9,20;77:1,5;	disclose (1)	141:10,12;144:19;148:4,11,	12:7,8,9;81:1;94:9
83:11;101:21;120:1,9;	101:9	17;151:4,20;152:2,11	easy (1)
121:4,7,15,20;148:5,8,9,16,	disclosed (2)	download (9)	68:13
20	58:17;100:16	96:10,19;117:16,20;	echelon (2)
deployments (3)	disclosure (5)	118:12;119:18;140:10,19;	99:7;113:1
48:11;54:20,21	66:14;67:14;68:20;101:6,	143:18	echelons (1)
describe (6)	6	downloaded (4)	113:11
6:6;54:19;65:14;69:3;	discouraged (1)	118:6,21;119:3;141:13	education (1)
85:12;86:10	39:10	downloading (2)	54:11
described (3)	discuss (3)	96:5:118:15	effectively (1)
6:7;29:1;87:21	9:15;49:11;154:7	dozen (1)	93:14
describing (1)	discussed (2)	117:5	effects (1)
88:8	37:9;59:20	draw (1)	101:6
desert (1)	discussing (1)	88:3	either (9)
134:4	5:7	drive (32)	23:21;33:13;62:12;85:4;
designated (1)	discussion (2)	30:11,11,15,18,20,21;	89:3;92:17;134:2;142:10;
20:10	32:12;44:5	31:3,5,7,10,17,20;36:5,7,10,	144:7
designed (1)	discussions (1)	12;37:1,2;38:20;48:19,20;	element (2)
34:20	32:3	49:1;117:13;119:14;128:7,	, ,
			67:1;104:1
desktop (3)	disregard (3)	10;130:11;131:5,21;134:14,	Eleven (1)
40:14;42:15;133:5	46:19;47:7,9	20;135:3	59:19
destroyed (2)	disregarded (1)	driving (2)	eliciting (1)
24:1;38:13	47:11	46:8;82:4	101:7
detain (1)	distraction (1)	drop (2)	else (4)
18:1	34:6	125:16,19	6:17;46:1;67:6;110:16
detainee (3)	Distributed (2)	drove (2)	else's (1)
94:15,18;149:18	86:3,6	9:20,21	101:9
determine (1)	divide (1)	Drum (10)	email (4)
103:16	14:9	8:5,7;9:8,9;11:10;43:11;	80:8,11;85:5;140:14
determined (1)	divided (3)	55:7,10;62:18;74:6	embedded (1)
69:17	13:21;14:1,3	dual (1)	88:9
develop (1)	Division (17)	75:13	employment (1)
114:15	8:11;11:5;17:2;22:11,14;	Due (3)	68:8
developed (1)	23:3;24:12;40:11,13;42:6;	19:10;20:2;110:17	end (4)
115:8	50:12;55:13;98:5,8;113:1;	duly (2)	55:14;100:4;124:16;
		7:6;50:7	138:12
device (1)	127:14,15		
93:9	division's (1)	during (15)	ended (1)
DFC (1)	40:11	9:12,14;14:20;15:7,8,16,	56:13
150:20	divulge (2)	19;20:9;31:4;34:19;36:19;	enemy (10)
diagram (1)	67:5;68:13	39:11;77:5;109:21;148:20	13:8;14:4;15:1,8;67:1;
86:20	document (17)	dust (1)	90:18;110:9;139:4,13,13
different (28)	36:17;59:3;63:13,15,18;	134:3	enforced (1)
6:11;19:21;20:1,3;23:2,7;	72:2,4,6;73:9;79:13,19;	duties (1)	
	12.2, 1,0,13.2,12.13,12,		129.16
24.10 10.42.1.44.13 14.	06:10 10 10 21:110:1:	, ,	129:16 engage (1)
24:10,19;43:1;44:13,14;	96:10,10,19,21;110:1;	15:13	engage (1)
48:12,13;90:12;98:12,14;	113:21	15:13 duty (13)	engage (1) 28:16
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17;	113:21 documentation (1)	15:13 duty (13) 7:15,17;8:3;9:21;55:17;	engage (1) 28:16 engaged (2)
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10,	113:21 documentation (1) 24:19	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21;	engage (1) 28:16 engaged (2) 110:9,13
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10, 13;152:14	113:21 documentation (1) 24:19 DOD (2)	15:13 duty (13) 7:15,17;8:3;9:21;55:17;	engage (1) 28:16 engaged (2) 110:9,13 engine (1)
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10,	113:21 documentation (1) 24:19	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21;	engage (1) 28:16 engaged (2) 110:9,13
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10, 13;152:14	113:21 documentation (1) 24:19 DOD (2) 140:15,17	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21; 122:2;123:11;124:13;	engage (1) 28:16 engaged (2) 110:9,13 engine (1) 95:7
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10, 13;152:14 differently (1) 129:15	113:21 documentation (1) 24:19 DOD (2) 140:15,17 done (12)	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21; 122:2;123:11;124:13; 126:14	engage (1) 28:16 engaged (2) 110:9,13 engine (1) 95:7 engineer (2)
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10, 13;152:14 differently (1) 129:15 difficulties (1)	113:21 documentation (1) 24:19 DOD (2) 140:15,17 done (12) 15:12;25:21;34:14;57:15;	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21; 122:2;123:11;124:13;	engage (1) 28:16 engaged (2) 110:9,13 engine (1) 95:7 engineer (2) 97:9;130:1
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10, 13;152:14 differently (1) 129:15 difficulties (1) 6:11	113:21 documentation (1) 24:19 DOD (2) 140:15,17 done (12) 15:12;25:21;34:14;57:15; 83:11;85:4;97:6;102:17;	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21; 122:2;123:11;124:13; 126:14	engage (1) 28:16 engaged (2) 110:9,13 engine (1) 95:7 engineer (2) 97:9;130:1 enlisted (2)
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10, 13;152:14 differently (1) 129:15 difficulties (1) 6:11 DIRECT (10)	113:21 documentation (1) 24:19 DOD (2) 140:15,17 done (12) 15:12;25:21;34:14;57:15; 83:11;85:4;97:6;102:17; 118:3;123:17;137:3;143:20	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21; 122:2;123:11;124:13; 126:14 E E4 (1)	engage (1) 28:16 engaged (2) 110:9,13 engine (1) 95:7 engineer (2) 97:9;130:1 enlisted (2) 53:10;54:3
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10, 13;152:14 differently (1) 129:15 difficulties (1) 6:11 DIRECT (10) 7:8;42:17;45:21;50:9;	113:21 documentation (1) 24:19 DOD (2) 140:15,17 done (12) 15:12;25:21;34:14;57:15; 83:11;85:4;97:6;102:17; 118:3;123:17;137:3;143:20 door (1)	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21; 122:2;123:11;124:13; 126:14 E E4 (1) 76:3	engage (1) 28:16 engaged (2) 110:9,13 engine (1) 95:7 engineer (2) 97:9;130:1 enlisted (2) 53:10;54:3 Enough (1)
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10, 13;152:14 differently (1) 129:15 difficulties (1) 6:11 DIRECT (10) 7:8;42:17;45:21;50:9; 60:3;62:4;89:12;110:1;	113:21 documentation (1) 24:19 DOD (2) 140:15,17 done (12) 15:12;25:21;34:14;57:15; 83:11;85:4;97:6;102:17; 118:3;123:17;137:3;143:20 door (1) 6:9	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21; 122:2;123:11;124:13; 126:14 E E4 (1) 76:3 E5 (1)	engage (1) 28:16 engaged (2) 110:9,13 engine (1) 95:7 engineer (2) 97:9;130:1 enlisted (2) 53:10;54:3 Enough (1) 137:15
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10, 13;152:14 differently (1) 129:15 difficulties (1) 6:11 DIRECT (10) 7:8;42:17;45:21;50:9; 60:3;62:4;89:12;110:1; 120:19;122:9	113:21 documentation (1) 24:19 DOD (2) 140:15,17 done (12) 15:12;25:21;34:14;57:15; 83:11;85:4;97:6;102:17; 118:3;123:17;137:3;143:20 door (1) 6:9 double (2)	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21; 122:2;123:11;124:13; 126:14 E E4 (1) 76:3 E5 (1) 26:20	engage (1) 28:16 engaged (2) 110:9,13 engine (1) 95:7 engineer (2) 97:9;130:1 enlisted (2) 53:10;54:3 Enough (1) 137:15 entered (1)
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10, 13;152:14 differently (1) 129:15 difficulties (1) 6:11 DIRECT (10) 7:8;42:17;45:21;50:9; 60:3;62:4;89:12;110:1;	113:21 documentation (1) 24:19 DOD (2) 140:15,17 done (12) 15:12;25:21;34:14;57:15; 83:11;85:4;97:6;102:17; 118:3;123:17;137:3;143:20 door (1) 6:9	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21; 122:2;123:11;124:13; 126:14 E E4 (1) 76:3 E5 (1)	engage (1) 28:16 engaged (2) 110:9,13 engine (1) 95:7 engineer (2) 97:9;130:1 enlisted (2) 53:10;54:3 Enough (1) 137:15
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10, 13;152:14 differently (1) 129:15 difficulties (1) 6:11 DIRECT (10) 7:8;42:17;45:21;50:9; 60:3;62:4;89:12;110:1; 120:19;122:9	113:21 documentation (1) 24:19 DOD (2) 140:15,17 done (12) 15:12;25:21;34:14;57:15; 83:11;85:4;97:6;102:17; 118:3;123:17;137:3;143:20 door (1) 6:9 double (2)	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21; 122:2;123:11;124:13; 126:14 E E4 (1) 76:3 E5 (1) 26:20	engage (1) 28:16 engaged (2) 110:9,13 engine (1) 95:7 engineer (2) 97:9;130:1 enlisted (2) 53:10;54:3 Enough (1) 137:15 entered (1)
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10, 13;152:14 differently (1) 129:15 difficulties (1) 6:11 DIRECT (10) 7:8;42:17;45:21;50:9; 60:3;62:4;89:12;110:1; 120:19;122:9 directed (1) 125:6	113:21 documentation (1) 24:19 DOD (2) 140:15,17 done (12) 15:12;25:21;34:14;57:15; 83:11;85:4;97:6;102:17; 118:3;123:17;137:3;143:20 door (1) 6:9 double (2) 98:17;132:3	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21; 122:2;123:11;124:13; 126:14 E E4 (1) 76:3 E5 (1) 26:20 earlier (3) 118:19;143:17;153:13	engage (1) 28:16 engaged (2) 110:9,13 engine (1) 95:7 engineer (2) 97:9;130:1 enlisted (2) 53:10;54:3 Enough (1) 137:15 entered (1) 23:18
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10, 13;152:14 differently (1) 129:15 difficulties (1) 6:11 DIRECT (10) 7:8;42:17;45:21;50:9; 60:3;62:4;89:12;110:1; 120:19;122:9 directed (1) 125:6 directly (7)	113:21 documentation (1) 24:19 DOD (2) 140:15,17 done (12) 15:12;25:21;34:14;57:15; 83:11;85:4;97:6;102:17; 118:3;123:17;137:3;143:20 door (1) 6:9 double (2) 98:17;132:3 double-click (1) 40:16	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21; 122:2;123:11;124:13; 126:14 E E4 (1) 76:3 E5 (1) 26:20 earlier (3) 118:19;143:17;153:13 early (2)	engage (1) 28:16 engaged (2) 110:9,13 engine (1) 95:7 engineer (2) 97:9;130:1 enlisted (2) 53:10;54:3 Enough (1) 137:15 entered (1) 23:18 entering (1) 59:11
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10, 13;152:14 differently (1) 129:15 difficulties (1) 6:11 DIRECT (10) 7:8;42:17;45:21;50:9; 60:3;62:4;89:12;110:1; 120:19;122:9 directed (1) 125:6 directly (7) 17:12;19:16;33:14;47:10;	113:21 documentation (1) 24:19 DOD (2) 140:15,17 done (12) 15:12;25:21;34:14;57:15; 83:11;85:4;97:6;102:17; 118:3;123:17;137:3;143:20 door (1) 6:9 double (2) 98:17;132:3 double-click (1) 40:16 down (24)	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21; 122:2;123:11;124:13; 126:14 E E4 (1) 76:3 E5 (1) 26:20 earlier (3) 118:19;143:17;153:13 early (2) 16:5;107:2	engage (1) 28:16 engaged (2) 110:9,13 engine (1) 95:7 engineer (2) 97:9;130:1 enlisted (2) 53:10;54:3 Enough (1) 137:15 entered (1) 23:18 entering (1) 59:11 entire (5)
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10, 13;152:14 differently (1) 129:15 difficulties (1) 6:11 DIRECT (10) 7:8;42:17;45:21;50:9; 60:3;62:4;89:12;110:1; 120:19;122:9 directed (1) 125:6 directly (7) 17:12;19:16;33:14;47:10; 48:8;123:10;124:6	113:21 documentation (1) 24:19 DOD (2) 140:15,17 done (12) 15:12;25:21;34:14;57:15; 83:11;85:4;97:6;102:17; 118:3;123:17;137:3;143:20 door (1) 6:9 double (2) 98:17;132:3 double-click (1) 40:16 down (24) 15:1;26:3;27:9,13;45:8;	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21; 122:2;123:11;124:13; 126:14 E E4 (1) 76:3 E5 (1) 26:20 earlier (3) 118:19;143:17;153:13 early (2) 16:5;107:2 easily (1)	engage (1) 28:16 engaged (2) 110:9,13 engine (1) 95:7 engineer (2) 97:9;130:1 enlisted (2) 53:10;54:3 Enough (1) 137:15 entered (1) 23:18 entering (1) 59:11 entire (5) 46:9;83:7;96:5;140:15,16
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10, 13;152:14 differently (1) 129:15 difficulties (1) 6:11 DIRECT (10) 7:8;42:17;45:21;50:9; 60:3;62:4;89:12;110:1; 120:19;122:9 directed (1) 125:6 directly (7) 17:12;19:16;33:14;47:10; 48:8;123:10;124:6 discarding (1)	113:21 documentation (1) 24:19 DOD (2) 140:15,17 done (12) 15:12;25:21;34:14;57:15; 83:11;85:4;97:6;102:17; 118:3;123:17;137:3;143:20 door (1) 6:9 double (2) 98:17;132:3 double-click (1) 40:16 down (24) 15:1;26:3;27:9,13;45:8; 61:20;92:18;96:15;115:20;	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21; 122:2;123:11;124:13; 126:14 E E4 (1) 76:3 E5 (1) 26:20 earlier (3) 118:19;143:17;153:13 early (2) 16:5;107:2 easily (1) 42:19	engage (1) 28:16 engaged (2) 110:9,13 engine (1) 95:7 engineer (2) 97:9;130:1 enlisted (2) 53:10;54:3 Enough (1) 137:15 entered (1) 23:18 entering (1) 59:11 entire (5) 46:9;83:7;96:5;140:15,16 entitled (1)
48:12,13;90:12;98:12,14; 102:8;108:7;129:12,17,17; 144:12,17;148:7;151:7,10, 13;152:14 differently (1) 129:15 difficulties (1) 6:11 DIRECT (10) 7:8;42:17;45:21;50:9; 60:3;62:4;89:12;110:1; 120:19;122:9 directed (1) 125:6 directly (7) 17:12;19:16;33:14;47:10; 48:8;123:10;124:6	113:21 documentation (1) 24:19 DOD (2) 140:15,17 done (12) 15:12;25:21;34:14;57:15; 83:11;85:4;97:6;102:17; 118:3;123:17;137:3;143:20 door (1) 6:9 double (2) 98:17;132:3 double-click (1) 40:16 down (24) 15:1;26:3;27:9,13;45:8;	15:13 duty (13) 7:15,17;8:3;9:21;55:17; 56:2;83:14;105:17;119:21; 122:2;123:11;124:13; 126:14 E E4 (1) 76:3 E5 (1) 26:20 earlier (3) 118:19;143:17;153:13 early (2) 16:5;107:2 easily (1)	engage (1) 28:16 engaged (2) 110:9,13 engine (1) 95:7 engineer (2) 97:9;130:1 enlisted (2) 53:10;54:3 Enough (1) 137:15 entered (1) 23:18 entering (1) 59:11 entire (5) 46:9;83:7;96:5;140:15,16

		8	,
entry (1)	74:1;135:18,20;137:9	fair (1)	fine (2)
91:8	exhibits (1)	34:7	115:18;116:11
environment (2)	72:13	fall (3)	finish (1)
129:13;134:4	exist (1)	66:21;84:9,11	73:3
equipment (2)	99:5	familiar (6)	finished (1)
5:16,17	existence (1)	97:13,15;116:2;132:7,11;	15:6
especially (2)	36:18	145:6	fire (1)
13:7;121:7	expect (8)	family (1)	93:6
Espionage (1)	105:20;106:11,14;	57:21	first (46)
102:15	120:18,20,21;121:5,12	far (2)	6:8;7:6;9:6;11:4;13:3,4,4;
essence (1)	expectations (1)	107:7;125:10	26:6;36:12;40:4;42:10;
145:3	25:21	fastest (2)	46:7;48:6;50:7,14;54:21;
essentially (2)	expected (1)	96:17;118:20	55:7,13;60:9,12,20;61:17;
107:18;110:9	124:3	February (6)	62:15,19;63:4;65:13,15;
establish (2)	experience (3)	38:15,16;105:8,10;124:8;	66:11;68:2;69:11;71:13,16;
35:19;52:9	71:16,19;148:5	125:11	72:1;74:19;77:10;78:10,14,
established (1)	expert (1)	feeds (1)	20;79:16;80:18;81:21;
61:16	114:18	19:15	82:15;90:4;95:11;149:1,14
Europe (1)	expired (1)	Fein (47)	fit (1)
94:5	58:9	5:11,13,21;6:7,19;49:15,	103:17
even (11)	explain (21)	18;50:2,10;52:9,13,14;	five (5)
10:10;21:16;26:17;	13:20;48:21;61:20;62:10;	61:15;62:3;63:7,12;64:14,	76:1,4;110:4;148:6,10
116:17;122:8;124:17;	65:11,12;66:6,18,20;67:15;	21;65:3;70:10;72:10,19;	flip (1)
125:1;133:17;134:3;139:1;	68:11;69:19,20;70:20;	73:1;74:2,4;77:18,19;84:7;	64:10
151:8	81:18;84:2,8;97:19,19;	86:9;100:11,13;101:3,11;	flip-flopped (1)
events (2)	144:4,17	118:20;130:14;138:5,16;	21:10
46:2;144:9	explained (2)	142:4;143:14,16;150:7;	fluent (1)
eventually (7)	106:3;138:14	153:10;154:2,5,12,14,19	10:17
18:16;19:1;36:21,21;	explaining (1)	felt (1)	flying (1)
81:17;105:2;111:17	48:12	14:9	98:11
everyday (1)	explosive (1)	few (17)	FOB (12)
18:5	93:9	25:8;31:16;32:3,6;35:6;	11:16;12:3,10,16;13:12;
everyone's (1) 141:4	export (1) 141:3	63:20;101:17;116:19,19;	26:19;81:2,3,4,9;83:3,15 focus (4)
evidence (1)		117:3,4;123:13;125:2,2; 136:10;137:19;138:6	33:12;75:13;76:17,18
64:16	expressing (1) 126:5	field (5)	focused (3)
exact (3)	extensive (1)	13:7;17:19;53:2;127:9;	33:14;53:19;76:16
12:7;38:16;113:7	41:17	130:1	focuses (1)
exactly (2)	extent (1)	Fields (1)	114:13
85:6;109:20	46:17	127:6	following (4)
EXAMINATION (8)	external (1)	file (12)	9:10;15:3,10;26:1
7:8;25:2;45:16;50:9;	38:10	59:1;60:2;96:11,12,13,	follows (2)
63:9;101:13;143:15;150:11	extreme (1)	14;100:6;132:6,8,10,12,14	7:7;50:8
example (2)	29:2	filed (3)	follow-up (2)
21:8;129:18	extremist (1)	59:6;99:15;100:5	36:8;154:1
examples (1)	83:16	files (5)	force (3)
93:5	eyes (2)	39:18;88:4;131:7;133:1,3	72:4;74:13,15
Excel (4)	123:3,4	fill (3)	forces (4)
88:2,12;117:14;141:4		59:13;77:5;83:5	85:19;90:18;92:5;144:8
excellent (2)	F	filled (2)	foreign (1)
124:18,21		77:6;108:19	66:17
excusal (3)	facilitate (5)	filling (1)	form (7)
49:9;154:4,5	13:17;16:18,20;18:1;	57:14	40:12;57:19;58:18,19;
Excuse (4)	19:17	filter (1)	60:3;63:20;91:6
35:16;81:11;97:7;146:6	facility (1)	82:5	formal (1)
excused (1)	57:17	final (2)	53:9
154:7	fact (8)	69:18;153:9	format (3)
executable (7)	35:2;70:1;101:8;106:17;	finalize (1)	22:4;79:8;117:14
39:18;131:6;132:6,8,9,12,	113:21;118:3;123:17,19	22:5	formatting (2)
14	factually (1)	finalized (1)	79:9;88:21
exhibit (17)	44:6	112:18	forms (1)
5:5,6;63:8,11;64:15,16,	failure (1)	find (3)	58:10
19;65:1;72:11,20;73:3,4,21;	100:2	34:9;95:7,10	Fort (12)
	L	I	

			,
8:5,7;9:8,9;11:10;24:5;	game (2)	granted (6)	happen (4)
43:11;55:7,10;62:18;74:6;	39:2,6	56:14;57:17;58:6;66:3;	18:5,6;58:16;114:7
114:18	games (20)	68:9;72:7	happened (13)
Forward (1)	38:18,20,20;39:1,8,10,14,	granting (1)	14:5;17:7;20:9,14;32:6;
124:10	17,17;130:9,10,11,15;	67:13	54:8;91:3,4;105:5;114:1,5,
found (3)	131:4,6,12,13,14,19;132:2	grants (1)	12;152:10
31:9,19;152:5	gap (1)	57:7	happening (3)
Foundation (3)	13:6	graph (1)	14:7,8,21
5:4;44:15;52:10	garrison (6)	92:16	happens (3)
four (10)	119:21;120:4;129:9,12,		110:16;113:9,14
		graphic (1)	
8:1;14:14;54:18;68:3,18;	16,18	125:5	hard (2)
76:1,4;102:12;136:3;	gathered (2)	graphs (1)	117:13;119:14
148:15	13:11,16	34:15	harm (1)
fourth (1)	gathering (3)	grooming (1)	67:2
80:13	17:18,19;82:2	48:10	headquarters (8)
Fox (13)	gave (3)	ground (9)	12:12;22:11;24:13;56:4,
14:17;33:3;51:1,18;52:1,	99:16,19;138:11	13:17;19:11,16;21:17;	19,21;98:5,8
2,3;53:7,11;59:8,10;102:4,6	General (16)	86:3,6;97:18;146:2;152:8	hear (7)
Foxes (3)	5:8;21:1;47:9;54:19;	group (10)	36:20;40:2;120:18;121:5,
21:12;60:17;95:18	73:13;83:17,19;92:19,20;	20:20,20;21:9;32:20;	12,14;143:8
Foxtrot (5)	99:16,17,19,21;100:4;	33:12,13,16;83:16;90:2;	heard (4)
8:4,16,17;15:11;21:10	105:20;116:18	92:16	28:10;52:12;97:3;143:10
Foxtrots (3)	generally (12)	groups (13)	Heat (3)
8:20;13:20;14:12	59:15;67:17;80:4;84:18;	14:2;20:11;23:2;35:3;	133:14,18;134:3
free (2)	91:16;98:10;103:21;111:7;	83:20,21;85:16,17,18;	heightened (1)
107:20;154:9	123:14;137:13;140:13;	91:21;92:2;103:14,16	19:11
Freedom (1)	146:9	GTMO (2)	held (1)
5:4	geo (1)	94:15,18	32:5
frequently (2)	87:11	guess (9)	help (7)
19:12;28:12	Georgia (1)	102:3;106:6;125:11;	18:1;19:17;35:19;88:18,
friend (1)	7:14	126:6,8;128:10;136:21;	21;90:17;92:3
126:17	gets (5)	139:14;143:5	helping (1)
friends (2)	111.0 16 17.110.2.		
friends (3)	111:2,16,17;112:3;	guy (1)	77:7
10:10;58:1;126:19	111.2,10,17,112.3,	guy (1) 41:16	77:7 helps (1)
		41:16	
10:10;58:1;126:19	113:15		helps (1)
10:10;58:1;126:19 front (1) 6:9	113:15 gigs (1) 22:4	41:16	helps (1) 87:18
10:10;58:1;126:19 front (1) 6:9 full (4)	113:15 gigs (1) 22:4 gist (1)	41:16 H	helps (1) 87:18 hereby (1) 67:5
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17	113:15 gigs (1) 22:4 gist (1) 138:11	41:16 H Hack (6)	helps (1) 87:18 hereby (1) 67:5 hereinafter (1)
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3)	113:15 gigs (1) 22:4 gist (1) 138:11 given (5)	Hack (6) 17:12;27:10,14;31:21;	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9;	Hack (6) 17:12;27:10,14;31:21; 48:8,10	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1)
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2)	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1)	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1)	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4)
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2)	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19	41:16 Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3)	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1)	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5)
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6)	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1)	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12;	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9)	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5)
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9) 74:13,15;96:6;140:5,6,7,	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12)	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5) 30:21;90:19;110:1;
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7 fusion (6)	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9)	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12) 11:16;12:3,11,17;13:13;	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5)
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9) 74:13,15;96:6;140:5,6,7,	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12) 11:16;12:3,11,17;13:13;	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5) 30:21;90:19;110:1;
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7 fusion (6)	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9) 74:13,15;96:6;140:5,6,7, 10;141:10;143:19	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12) 11:16;12:3,11,17;13:13; 26:19;81:3,4,8,9;83:3,15	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5) 30:21;90:19;110:1; 113:21;114:1
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7 fusion (6) 16:15;17:17;19:12;20:13, 13,21	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9) 74:13,15;96:6;140:5,6,7, 10;141:10;143:19 goal (1) 114:10	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12) 11:16;12:3,11,17;13:13; 26:19;81:3,4,8,9;83:3,15 handing (3)	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5) 30:21;90:19;110:1; 113:21;114:1 history (1) 92:1
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7 fusion (6) 16:15;17:17;19:12;20:13, 13,21 future (7)	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9) 74:13,15;96:6;140:5,6,7, 10;141:10;143:19 goal (1) 114:10 goes (5)	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12) 11:16;12:3,11,17;13:13; 26:19;81:3,4,8,9;83:3,15 handing (3) 63:10;72:19;135:20	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5) 30:21;90:19;110:1; 113:21;114:1 history (1) 92:1 hold (1)
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7 fusion (6) 16:15;17:17;19:12;20:13, 13,21 future (7) 35:3;48:11;111:8,19;	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9) 74:13,15;96:6;140:5,6,7, 10;141:10;143:19 goal (1) 114:10 goes (5) 47:10;57:19;88:19;	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12) 11:16;12:3,11,17;13:13; 26:19;81:3,4,8,9;83:3,15 handing (3) 63:10;72:19;135:20 handle (2)	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5) 30:21;90:19;110:1; 113:21;114:1 history (1) 92:1 hold (1) 68:6
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7 fusion (6) 16:15;17:17;19:12;20:13, 13,21 future (7)	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9) 74:13,15;96:6;140:5,6,7, 10;141:10;143:19 goal (1) 114:10 goes (5) 47:10;57:19;88:19; 112:21;113:7	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12) 11:16;12:3,11,17;13:13; 26:19;81:3,4,8,9;83:3,15 handing (3) 63:10;72:19;135:20 handle (2) 58:15;66:9	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5) 30:21;90:19;110:1; 113:21;114:1 history (1) 92:1 hold (1) 68:6 holistic (1)
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7 fusion (6) 16:15;17:17;19:12;20:13, 13,21 future (7) 35:3;48:11;111:8,19; 114:8,12;126:1	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9) 74:13,15;96:6;140:5,6,7, 10;141:10;143:19 goal (1) 114:10 goes (5) 47:10;57:19;88:19; 112:21;113:7 good (11)	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12) 11:16;12:3,11,17;13:13; 26:19;81:3,4,8,9;83:3,15 handing (3) 63:10;72:19;135:20 handle (2) 58:15;66:9 handled (1)	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5) 30:21;90:19;110:1; 113:21;114:1 history (1) 92:1 hold (1) 68:6 holistic (1) 85:18
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7 fusion (6) 16:15;17:17;19:12;20:13, 13,21 future (7) 35:3;48:11;111:8,19;	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9) 74:13,15;96:6;140:5,6,7, 10;141:10;143:19 goal (1) 114:10 goes (5) 47:10;57:19;88:19; 112:21;113:7 good (11) 13:18;25:5;34:5;88:15;	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12) 11:16;12:3,11,17;13:13; 26:19;81:3,4,8,9;83:3,15 handing (3) 63:10;72:19;135:20 handle (2) 58:15;66:9 handled (1) 66:21	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5) 30:21;90:19;110:1; 113:21;114:1 history (1) 92:1 hold (1) 68:6 holistic (1) 85:18 homes (1)
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7 fusion (6) 16:15;17:17;19:12;20:13, 13,21 future (7) 35:3;48:11;111:8,19; 114:8,12;126:1	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9) 74:13,15;96:6;140:5,6,7, 10;141:10;143:19 goal (1) 114:10 goes (5) 47:10;57:19;88:19; 112:21;113:7 good (11) 13:18;25:5;34:5;88:15; 115:8;124:15,16;125:4;	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12) 11:16;12:3,11,17;13:13; 26:19;81:3,4,8,9;83:3,15 handing (3) 63:10;72:19;135:20 handle (2) 58:15;66:9 handled (1) 66:21 handling (2)	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5) 30:21;90:19;110:1; 113:21;114:1 history (1) 92:1 hold (1) 68:6 holistic (1) 85:18 homes (1) 148:1
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7 fusion (6) 16:15;17:17;19:12;20:13, 13,21 future (7) 35:3;48:11;111:8,19; 114:8,12;126:1	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9) 74:13,15;96:6;140:5,6,7, 10;141:10;143:19 goal (1) 114:10 goes (5) 47:10;57:19;88:19; 112:21;113:7 good (11) 13:18;25:5;34:5;88:15; 115:8;124:15,16;125:4; 126:8;139:15;154:10	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12) 11:16;12:3,11,17;13:13; 26:19;81:3,4,8,9;83:3,15 handing (3) 63:10;72:19;135:20 handle (2) 58:15;66:9 handled (1) 66:21 handling (2) 65:19;66:15	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5) 30:21;90:19;110:1; 113:21;114:1 history (1) 92:1 hold (1) 68:6 holistic (1) 85:18 homes (1) 148:1 honestly (2)
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7 fusion (6) 16:15;17:17;19:12;20:13, 13,21 future (7) 35:3;48:11;111:8,19; 114:8,12;126:1 G G2 (1) 50:12	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9) 74:13,15;96:6;140:5,6,7, 10;141:10;143:19 goal (1) 114:10 goes (5) 47:10;57:19;88:19; 112:21;113:7 good (11) 13:18;25:5;34:5;88:15; 115:8;124:15,16;125:4; 126:8;139:15;154:10 Google (1)	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12) 11:16;12:3,11,17;13:13; 26:19;81:3,4,8,9;83:3,15 handing (3) 63:10;72:19;135:20 handle (2) 58:15;66:9 handled (1) 66:21 handling (2) 65:19;66:15 hands (1)	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5) 30:21;90:19;110:1; 113:21;114:1 history (1) 92:1 hold (1) 68:6 holistic (1) 85:18 homes (1) 148:1 honestly (2) 31:2,14
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7 fusion (6) 16:15;17:17;19:12;20:13, 13,21 future (7) 35:3;48:11;111:8,19; 114:8,12;126:1 G G2 (1) 50:12 gain (1)	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9) 74:13,15;96:6;140:5,6,7, 10;141:10;143:19 goal (1) 114:10 goes (5) 47:10;57:19;88:19; 112:21;113:7 good (11) 13:18;25:5;34:5;88:15; 115:8;124:15,16;125:4; 126:8;139:15;154:10 Google (1) 95:7	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12) 11:16;12:3,11,17;13:13; 26:19;81:3,4,8,9;83:3,15 handing (3) 63:10;72:19;135:20 handle (2) 58:15;66:9 handled (1) 66:21 handling (2) 65:19;66:15 hands (1) 67:1	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5) 30:21;90:19;110:1; 113:21;114:1 history (1) 92:1 hold (1) 68:6 holistic (1) 85:18 homes (1) 148:1 honestly (2) 31:2,14 Honor (29)
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7 fusion (6) 16:15;17:17;19:12;20:13, 13,21 future (7) 35:3;48:11;111:8,19; 114:8,12;126:1 G G2 (1) 50:12	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9) 74:13,15;96:6;140:5,6,7, 10;141:10;143:19 goal (1) 114:10 goes (5) 47:10;57:19;88:19; 112:21;113:7 good (11) 13:18;25:5;34:5;88:15; 115:8;124:15,16;125:4; 126:8;139:15;154:10 Google (1) 95:7 government (14)	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12) 11:16;12:3,11,17;13:13; 26:19;81:3,4,8,9;83:3,15 handing (3) 63:10;72:19;135:20 handle (2) 58:15;66:9 handled (1) 66:21 handling (2) 65:19;66:15 hands (1)	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5) 30:21;90:19;110:1; 113:21;114:1 history (1) 92:1 hold (1) 68:6 holistic (1) 85:18 homes (1) 148:1 honestly (2) 31:2,14
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7 fusion (6) 16:15;17:17;19:12;20:13, 13,21 future (7) 35:3;48:11;111:8,19; 114:8,12;126:1 G G2 (1) 50:12 gain (1)	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9) 74:13,15;96:6;140:5,6,7, 10;141:10;143:19 goal (1) 114:10 goes (5) 47:10;57:19;88:19; 112:21;113:7 good (11) 13:18;25:5;34:5;88:15; 115:8;124:15,16;125:4; 126:8;139:15;154:10 Google (1) 95:7	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12) 11:16;12:3,11,17;13:13; 26:19;81:3,4,8,9;83:3,15 handing (3) 63:10;72:19;135:20 handle (2) 58:15;66:9 handled (1) 66:21 handling (2) 65:19;66:15 hands (1) 67:1	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5) 30:21;90:19;110:1; 113:21;114:1 history (1) 92:1 hold (1) 68:6 holistic (1) 85:18 homes (1) 148:1 honestly (2) 31:2,14 Honor (29)
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7 fusion (6) 16:15;17:17;19:12;20:13, 13,21 future (7) 35:3;48:11;111:8,19; 114:8,12;126:1 G G2 (1) 50:12 gain (1) 92:4	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9) 74:13,15;96:6;140:5,6,7, 10;141:10;143:19 goal (1) 114:10 goes (5) 47:10;57:19;88:19; 112:21;113:7 good (11) 13:18;25:5;34:5;88:15; 115:8;124:15,16;125:4; 126:8;139:15;154:10 Google (1) 95:7 government (14)	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12) 11:16;12:3,11,17;13:13; 26:19;81:3,4,8,9;83:3,15 handing (3) 63:10;72:19;135:20 handle (2) 58:15;66:9 handled (1) 66:21 handling (2) 65:19;66:15 hands (1) 67:1 handwriting (1) 64:9	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5) 30:21;90:19;110:1; 113:21;114:1 history (1) 92:1 hold (1) 68:6 holistic (1) 85:18 homes (1) 148:1 honestly (2) 31:2,14 Honor (29) 6:12,19,20;35:16,18;
10:10;58:1;126:19 front (1) 6:9 full (4) 17:1;22:4;59:4;151:17 fully (3) 13:2;19:14;75:4 Fulton (2) 85:9,10 function (2) 79:5;86:18 further (6) 25:1;49:6;101:12;143:12; 150:7;153:7 fusion (6) 16:15;17:17;19:12;20:13, 13,21 future (7) 35:3;48:11;111:8,19; 114:8,12;126:1 G G2 (1) 50:12 gain (1) 92:4 GAL (7)	113:15 gigs (1) 22:4 gist (1) 138:11 given (5) 8:15;26:16;34:9;67:9; 117:20 gives (1) 90:19 giving (1) 35:2 global (9) 74:13,15;96:6;140:5,6,7, 10;141:10;143:19 goal (1) 114:10 goes (5) 47:10;57:19;88:19; 112:21;113:7 good (11) 13:18;25:5;34:5;88:15; 115:8;124:15,16;125:4; 126:8;139:15;154:10 Google (1) 95:7 government (14) 6:4,21;28:10,14;49:21;	Hack (6) 17:12;27:10,14;31:21; 48:8,10 hackers (1) 44:14 half (3) 16:5;20:6,9 Hamilton (1) 7:14 Hammer (12) 11:16;12:3,11,17;13:13; 26:19;81:3,4,8,9;83:3,15 handing (3) 63:10;72:19;135:20 handle (2) 58:15;66:9 handled (1) 66:21 handling (2) 65:19;66:15 hands (1) 67:1 handwriting (1)	helps (1) 87:18 hereby (1) 67:5 hereinafter (1) 67:11 high (1) 124:16 higher (4) 53:21;75:2;87:16;113:11 historic (5) 91:18,19,19;92:7,11 historical (5) 30:21;90:19;110:1; 113:21;114:1 history (1) 92:1 hold (1) 68:6 holistic (1) 85:18 homes (1) 148:1 honestly (2) 31:2,14 Honor (29) 6:12,19,20;35:16,18; 46:12;52:8,9;61:12,15;63:7,

PFC Bradley E. Manning	0/5/13 1/10[1	ning Session	June 5, 2015
100 11 110 1150 010	55 5 00 11 110 0 10 10 5	100.1.0	
130:14;142:4;150:8,10;	75:6;88:11;112:3,12;125:6;	133:1,2	75:8,15;76:10,17;89:3,5,10,
154:3,15,18,19	127:10;145:19	installing (1)	16,18,20;92:15;98:3;99:8;
hour (6)	include (3)	150:16	109:1;139:5;142:20;143:2,
15:16,18;16:5;20:6,9;	15:8;40:11;75:5	instance (2)	19
148:12	including (1)	126:2;131:3	Iraqi (3)
	69:1		
hours (9)		instant (1)	17:21;21:16,16
16:2,4;39:11;112:8,17;	incorporate (1)	98:1	Iraqis (2)
126:14;148:13,15;149:12	125:3	instead (1)	13:16,19
houses (1)	indicated (7)	17:18	irreparable (1)
89:3	10:17;11:2,5;36:21;	instructed (1)	66:16
Huachuca (2)	103:19;109:21;123:5	134:10	IRs (1)
24:5;114:18	individual (3)	instructions (1)	108:19
		16:17	
huddle (1)	65:18;66:19;82:17		issues (4)
20:13	individuals (6)	insure (3)	11:4;28:11,14;35:4
human (19)	17:20;33:14;66:6;69:4;	13:6;44:16;71:1	_
52:18;85:15;90:1;108:16,	88:14;144:8	insurgent (1)	J
18,19,21;109:3,15;115:19;	individual's (1)	103:13	
144:3,4,6,13,18;145:19;	56:12	intel (9)	jack (2)
146:2,7;152:15	infantry (1)	13:7;17:2,13,19;19:13,	106:3,6
humans (1)	146:1	16;97:2;145:11,12	Jihrleah (3)
152:16	influential (1)	Intelink (8)	7:3,5,10
hundred (2)	10:10	95:5,6,9,11,14,17;96:3,8	job (6)
90:11;146:20	informants (1)	intelligence (22)	55:16;76:6;105:17;106:8;
	21:16	51:1;52:3,5,16;53:14;	153:19,19
\mathbf{I}	information (127)	55:6;75:3;79:10,12,14;	jobs (1)
<u>-</u>	13:6,7,10,16;15:15;17:2,	87:8;89:17,18;98:20;	123:7
Isoland (2)	19,20,21;18:3,9;19:13;	108:21;114:4;116:6;145:9,	
Iceland (2)			join (1)
94:21;95:2	21:15,21;22:4,19,20;23:1,5;	19;148:18;152:16;153:16	46:11
ID (1)	24:14,20;31:2;34:1,2,10,20;	intend (1)	joined (1)
151:21	35:3;44:13,13,17,19;52:18;	72:13	10:12
idea (1)	53:3;56:12;57:8,10,20;60:5,	interact (1)	joint (1)
39:19	13,15,21;61:5,10,18,19,21;	9:13	56:9
identification (2)	62:5,13,14,21;63:16;65:19;	interest (1)	JPAS (7)
64:15,19	66:3,15,20;67:6,12,18;	126:5	56:6,6,7,8,9;57:4,5
identifiers (2)	68:14,20;69:14;70:1,12;	interested (1)	JRT (9)
147:20;152:21	72:15;73:8,12,13;77:7;	153:17	76:14,18,20;77:1,20;78:2,
identify (1)	80:10;82:2;87:20;88:19;	interference (1)	4,6,15
109:4	89:18;91:18,19,20;93:1,3,	142:12	JRTC (2)
identifying (6)	11,17;94:3;95:8;100:15,16;	Internet (12)	80:4,12
21:21;25:20;70:12;72:14;	106:15,18,20;107:5,11,13;	46:4,9;47:9,12,14,16;	July (2)
147:7,10	108:8,10;109:13;110:7;	48:1;96:17;106:21;118:21;	51:6;53:16
	112:6,15,18;114:6;117:6,	119:2;141:9	
IED (2)			jumping (1)
93:6;152:9	12,15;118:16,16;119:8,14,	intimidation (1)	61:4
imagine (6)	18;120:18;121:3,9;131:2;	90:10	June (2)
33:6;112:4;114:14;115:5;	134:7,10,13,17;144:7,8,9,	into (24)	5:3;7:18
119:10;136:15	20;146:14,16;147:5,7,10,	23:2;36:12;38:12;52:19;	justification (1)
immediate (2)	14;149:7;152:3,5	57:19;64:15;67:1;75:3;	139:15
75:16;120:12	informed (1)	79:19;85:18;87:21;88:5,20;	J-WIX (1)
immediately (4)	42:3	103:17;105:17;108:8;	61:2
			01.2
24:1;81:10,10;82:10	initial (1)	110:18;121:7;125:3,5;	TZ
impact (1)	112:11	126:21;144:9;151:11;152:9	K
121:4	initially (8)	investigation (1)	
import (2)	11:14;16:9;24:18;38:6;	57:15	keep (2)
88:2,5	104:20;122:4,13;133:9	investigations (2)	45:5;60:2
important (2)	initials (1)	56:5;95:21	keeping (3)
13:10;91:20	147:17	involved (2)	90:21;144:12,16
impossible (1)	injured (1)	10:7;46:10	kept (1)
	• •		- , ,
149:11	147:13	involvement (1)	69:6
impression (1)	injury (1)	99:11	key (1)
39:12	66:16	involving (1)	59:5
INAUDIBLE (16)	inside (1)	48:13	killed (4)
26:19;31:20;46:16;52:19;	12:13	Iraq (22)	147:13;152:19;153:2,5
59:2;69:2;70:17,18;74:6;	installed (2)	11:16,17;13:15;36:20;	killing (1)
		, , - : - , ,	6 \ /

110:18	75:19;142:1	lived (1)	21;101:11;142:6;143:14;
kin (1)	lecture (1)	57:21	153:10,21;154:2,12,14
153:3	102:18	loaded (1)	machine (1)
kind (18)	left (10)	86:13	35:13
15:13;21:10;23:7;29:2,	7:19;11:10;27:6;81:15,	local (9)	machines (1)
19;30:21;35:2;39:1;44:12;	19,20;82:3,17;115:21;117:1	57:8;90:10;146:2,12,14,	38:19
75:13;84:9;91:2;98:16;	legal (1)	16,21;147:3;148:1	Maderas (3)
103:16;112:21;113:21;	29:16	locally (5)	84:5,21;104:8
114:10;115:2	less (3)	72:7;99:15;100:5,7;137:4	main (6)
knew (6)	96:12;117:5;137:15	located (2)	80:15,17,18;86:19;107:8;
29:15;36:18;41:15,16;	letter (2)	48:18,19	138:12
42:4;47:10	5:3;99:15	location (1)	mainly (2)
knowingly (1)	letterhead (1)	13:8	32:7;55:1
142:10	5:4	locational (2)	maintain (1)
knowledge (20)	level (19)	22:21;93:4	58:8
27:12,15;39:16;41:14,17;	23:13;53:21;73:12;75:2;	locations (3)	maintenance (1)
47:9,13,15;100:15;101:4,5,	102:10;110:13,21;111:5;	9:21;19:14;134:11	74:14
5,10;106:8;107:20;113:3;	112:3;114:17;125:15;	long (14)	Major (7)
130:5;141:15,17;152:13	127:13;135:6;145:13,14,15,	5:16;7:21;9:8;12:21;	5:8,11;76:12;84:13;
Kuwait (4)	17;149:5;151:3	17:5;51:5;54:6;81:4;96:9,	118:19;138:5,16
11:14,15;81:5,7	levels (6)	18;118:20;137:11,13;	majority (3)
Kyle (2)	120:9;144:13,17;145:6,9;	148:10	14:4;15:19;82:12
50:4,6	152:14	longer (2)	makes (1)
30.4,0	Lieutenant (2)	43:18,18	52:19
${f L}$	99:21;127:6	longest (1)	making (1)
L	lighter (1)	148:14	8:21
label (1)	86:19	look (24)	man (1)
135:14	liked (1)	14:17;29:8,13,14;30:3,15,	146:1
language (1)	28:13	18;65:21;73:3;90:21;91:21;	management (1)
10:18	likely (1)	95:12,14;106:14,17;107:12,	57:16
large (3)	69:10	18;108:5;115:13;117:9;	manager (5)
14:4;15:19;36:5	liking (1)	137:1;138:19;139:5;153:18	56:1,15,18;58:3;103:6
larger (3)	10:8	looked (3)	Manning (78)
		` ,	
86:18;90:10;96:13	Lim (1)	85:16;107:2;136:9	9:13;10:16;11:20;12:14;
86:18;90:10;96:13 last (6)	Lim (1) 84:13	85:16;107:2;136:9 looking (5)	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13;
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9;	Lim (1) 84:13 limitation (6)	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8,
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14;	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1)	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13,
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7)	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15;
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14,	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2)	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3)	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18;
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13;
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2)	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2)	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10)	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9,
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19;	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15,
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4)	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1)	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8;	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1;
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21;
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1)	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1)	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2)	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:68,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2,
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3,
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1 lead (6)	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20 Linnington (1)	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6 loved (1)	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3, 11,18;124:1,13;125:21;
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1 lead (6) 8:16,18;83:16;84:1,2,4	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20 Linnington (1) 5:8	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6 loved (1) 10:11	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3, 11,18;124:1,13;125:21; 130:6;142:1;149:1,15
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1 lead (6) 8:16,18;83:16;84:1,2,4 leader (7)	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20 Linnington (1) 5:8 list (11)	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6 loved (1) 10:11 low (3)	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3, 11,18;124:1,13;125:21; 130:6;142:1;149:1,15 Manning's (7)
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1 lead (6) 8:16,18;83:16;84:1,2,4 leader (7) 9:5;25:12,13,14;103:10,	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20 Linnington (1) 5:8 list (11) 109:15;140:5,7,10,14,18,	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6 loved (1) 10:11 low (3) 131:17;151:3;153:14	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3, 11,18;124:1,13;125:21; 130:6;142:1;149:1,15 Manning's (7) 25:10;27:16;60:9;105:17;
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1 lead (6) 8:16,18;83:16;84:1,2,4 leader (7) 9:5;25:12,13,14;103:10, 12;120:21	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20 Linnington (1) 5:8 list (11) 109:15;140:5,7,10,14,18, 21;141:10,14,14;143:19	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6 loved (1) 10:11 low (3) 131:17;151:3;153:14 lowest (8)	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3, 11,18;124:1,13;125:21; 130:6;142:1;149:1,15 Manning's (7) 25:10;27:16;60:9;105:17; 119:20;120:12;122:1
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1 lead (6) 8:16,18;83:16;84:1,2,4 leader (7) 9:5;25:12,13,14;103:10, 12;120:21 leadership (3)	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20 Linnington (1) 5:8 list (11) 109:15;140:5,7,10,14,18, 21;141:10,14,14;143:19 listened (2)	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6 loved (1) 10:11 low (3) 131:17;151:3;153:14 lowest (8) 110:13,21;111:5;112:3;	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3, 11,18;124:1,13;125:21; 130:6;142:1;149:1,15 Manning's (7) 25:10;27:16;60:9;105:17; 119:20;120:12;122:1 many (12)
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1 lead (6) 8:16,18;83:16;84:1,2,4 leader (7) 9:5;25:12,13,14;103:10, 12;120:21 leadership (3) 8:14;16:12;26:13	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20 Linnington (1) 5:8 list (11) 109:15;140:5,7,10,14,18, 21;141:10,14,14;143:19 listened (2) 35:12;36:7	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6 loved (1) 10:11 low (3) 131:17;151:3;153:14 lowest (8) 110:13,21;111:5;112:3; 145:13,14,15,17	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3, 11,18;124:1,13;125:21; 130:6;142:1;149:1,15 Manning's (7) 25:10;27:16;60:9;105:17; 119:20;120:12;122:1 many (12) 14:12;54:17;59:18;75:17;
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1 lead (6) 8:16,18;83:16;84:1,2,4 leader (7) 9:5;25:12,13,14;103:10, 12;120:21 leadership (3) 8:14;16:12;26:13 learned (1)	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20 Linnington (1) 5:8 list (11) 109:15;140:5,7,10,14,18, 21;141:10,14,14;143:19 listened (2) 35:12;36:7 listening (1)	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6 loved (1) 10:11 low (3) 131:17;151:3;153:14 lowest (8) 110:13,21;111:5;112:3; 145:13,14,15,17 lunch (1)	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3, 11,18;124:1,13;125:21; 130:6;142:1;149:1,15 Manning's (7) 25:10;27:16;60:9;105:17; 119:20;120:12;122:1 many (12) 14:12;54:17;59:18;75:17; 78:4;92:1;97:16;98:14;
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1 lead (6) 8:16,18;83:16;84:1,2,4 leader (7) 9:5;25:12,13,14;103:10, 12;120:21 leadership (3) 8:14;16:12;26:13 learned (1) 81:16	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20 Linnington (1) 5:8 list (11) 109:15;140:5,7,10,14,18, 21;141:10,14,14;143:19 listened (2) 35:12;36:7 listening (1) 35:10	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6 loved (1) 10:11 low (3) 131:17;151:3;153:14 lowest (8) 110:13,21;111:5;112:3; 145:13,14,15,17	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3, 11,18;124:1,13;125:21; 130:6;142:1;149:1,15 Manning's (7) 25:10;27:16;60:9;105:17; 119:20;120:12;122:1 many (12) 14:12;54:17;59:18;75:17; 78:4;92:1;97:16;98:14; 116:18;148:13;151:9,12
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1 lead (6) 8:16,18;83:16;84:1,2,4 leader (7) 9:5;25:12,13,14;103:10, 12;120:21 leadership (3) 8:14;16:12;26:13 learned (1) 81:16 least (1)	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20 Linnington (1) 5:8 list (11) 109:15;140:5,7,10,14,18, 21;141:10,14,14;143:19 listened (2) 35:12;36:7 listening (1) 35:10 literally (1)	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6 loved (1) 10:11 low (3) 131:17;151:3;153:14 lowest (8) 110:13,21;111:5;112:3; 145:13,14,15,17 lunch (1) 154:11	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3, 11,18;124:1,13;125:21; 130:6;142:1;149:1,15 Manning's (7) 25:10;27:16;60:9;105:17; 119:20;120:12;122:1 many (12) 14:12;54:17;59:18;75:17; 78:4;92:1;97:16;98:14; 116:18;148:13;151:9,12 map (7)
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1 lead (6) 8:16,18;83:16;84:1,2,4 leader (7) 9:5;25:12,13,14;103:10, 12;120:21 leadership (3) 8:14;16:12;26:13 learned (1) 81:16 least (1) 58:2	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20 Linnington (1) 5:8 list (11) 109:15;140:5,7,10,14,18, 21;141:10,14,14;143:19 listened (2) 35:12;36:7 listening (1) 35:10 literally (1) 149:11	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6 loved (1) 10:11 low (3) 131:17;151:3;153:14 lowest (8) 110:13,21;111:5;112:3; 145:13,14,15,17 lunch (1)	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3, 11,18;124:1,13;125:21; 130:6;142:1;149:1,15 Manning's (7) 25:10;27:16;60:9;105:17; 119:20;120:12;122:1 many (12) 14:12;54:17;59:18;75:17; 78:4;92:1;97:16;98:14; 116:18;148:13;151:9,12 map (7) 21:15,17,18,20;22:4;
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1 lead (6) 8:16,18;83:16;84:1,2,4 leader (7) 9:5;25:12,13,14;103:10, 12;120:21 leadership (3) 8:14;16:12;26:13 learned (1) 81:16 least (1) 58:2 leave (5)	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20 Linnington (1) 5:8 list (11) 109:15;140:5,7,10,14,18, 21;141:10,14,14;143:19 listened (2) 35:12;36:7 listening (1) 35:10 literally (1) 149:11 little (11)	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6 loved (1) 10:11 low (3) 131:17;151:3;153:14 lowest (8) 110:13,21;111:5;112:3; 145:13,14,15,17 lunch (1) 154:11	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3, 11,18;124:1,13;125:21; 130:6;142:1;149:1,15 Manning's (7) 25:10;27:16;60:9;105:17; 119:20;120:12;122:1 many (12) 14:12;54:17;59:18;75:17; 78:4;92:1;97:16;98:14; 116:18;148:13;151:9,12 map (7) 21:15,17,18,20;22:4; 87:12,15
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1 lead (6) 8:16,18;83:16;84:1,2,4 leader (7) 9:5;25:12,13,14;103:10, 12;120:21 leadership (3) 8:14;16:12;26:13 learned (1) 81:16 least (1) 58:2 leave (5) 70:4;82:13;105:7;114:17;	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20 Linnington (1) 5:8 list (11) 109:15;140:5,7,10,14,18, 21;141:10,14,14;143:19 listened (2) 35:12;36:7 listening (1) 35:10 literally (1) 149:11 little (11) 39:6;44:9;52:11,11;61:7;	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6 loved (1) 10:11 low (3) 131:17;151:3;153:14 lowest (8) 110:13,21;111:5;112:3; 145:13,14,15,17 lunch (1) 154:11 M ma'am (31)	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3, 11,18;124:1,13;125:21; 130:6;142:1;149:1,15 Manning's (7) 25:10;27:16;60:9;105:17; 119:20;120:12;122:1 many (12) 14:12;54:17;59:18;75:17; 78:4;92:1;97:16;98:14; 116:18;148:13;151:9,12 map (7) 21:15,17,18,20;22:4; 87:12,15 mapping (3)
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1 lead (6) 8:16,18;83:16;84:1,2,4 leader (7) 9:5;25:12,13,14;103:10, 12;120:21 leadership (3) 8:14;16:12;26:13 learned (1) 81:16 least (1) 58:2 leave (5) 70:4;82:13;105:7;114:17; 143:2	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20 Linnington (1) 5:8 list (11) 109:15;140:5,7,10,14,18, 21;141:10,14,14;143:19 listened (2) 35:12;36:7 listening (1) 35:10 literally (1) 149:11 little (11) 39:6;44:9;52:11,11;61:7; 85:12;92:4;96:15;110:6;	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6 loved (1) 10:11 low (3) 131:17;151:3;153:14 lowest (8) 110:13,21;111:5;112:3; 145:13,14,15,17 lunch (1) 154:11 M ma'am (31) 5:13,13;6:7;45:15;46:17,	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3, 11,18;124:1,13;125:21; 130:6;142:1;149:1,15 Manning's (7) 25:10;27:16;60:9;105:17; 119:20;120:12;122:1 many (12) 14:12;54:17;59:18;75:17; 78:4;92:1;97:16;98:14; 116:18;148:13;151:9,12 map (7) 21:15,17,18,20;22:4; 87:12,15 mapping (3) 23:6;86:17;87:11
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1 lead (6) 8:16,18;83:16;84:1,2,4 leader (7) 9:5;25:12,13,14;103:10, 12;120:21 leadership (3) 8:14;16:12;26:13 learned (1) 81:16 least (1) 58:2 leave (5) 70:4;82:13;105:7;114:17; 143:2 leaves (1)	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20 Linnington (1) 5:8 list (11) 109:15;140:5,7,10,14,18, 21;141:10,14,14;143:19 listened (2) 35:12;36:7 listening (1) 35:10 literally (1) 149:11 little (11) 39:6;44:9;52:11,11;61:7; 85:12;92:4;96:15;110:6; 117:2;126:21	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6 loved (1) 10:11 low (3) 131:17;151:3;153:14 lowest (8) 110:13,21;111:5;112:3; 145:13,14,15,17 lunch (1) 154:11 M ma'am (31) 5:13,13;6:7;45:15;46:17, 21;47:3,8,15,19;49:8,10,18;	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3, 11,18;124:1,13;125:21; 130:6;142:1;149:1,15 Manning's (7) 25:10;27:16;60:9;105:17; 119:20;120:12;122:1 many (12) 14:12;54:17;59:18;75:17; 78:4;92:1;97:16;98:14; 116:18;148:13;151:9,12 map (7) 21:15,17,18,20;22:4; 87:12,15 mapping (3) 23:6;86:17;87:11 March (4)
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1 lead (6) 8:16,18;83:16;84:1,2,4 leader (7) 9:5;25:12,13,14;103:10, 12;120:21 leadership (3) 8:14;16:12;26:13 learned (1) 81:16 least (1) 58:2 leave (5) 70:4;82:13;105:7;114:17; 143:2 leaves (1) 114:11	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20 Linnington (1) 5:8 list (11) 109:15;140:5,7,10,14,18, 21;141:10,14,14;143:19 listened (2) 35:12;36:7 listening (1) 35:10 literally (1) 149:11 little (11) 39:6;44:9;52:11,11;61:7; 85:12;92:4;96:15;110:6; 117:2;126:21 live (1)	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6 loved (1) 10:11 low (3) 131:17;151:3;153:14 lowest (8) 110:13,21;111:5;112:3; 145:13,14,15,17 lunch (1) 154:11 M ma'am (31) 5:13,13;6:7;45:15;46:17, 21;47:3,8,15,19;49:8,10,18; 50:2;52:13;62:11;72:18;	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3, 11,18;124:1,13;125:21; 130:6;142:1;149:1,15 Manning's (7) 25:10;27:16;60:9;105:17; 119:20;120:12;122:1 many (12) 14:12;54:17;59:18;75:17; 78:4;92:1;97:16;98:14; 116:18;148:13;151:9,12 map (7) 21:15,17,18,20;22:4; 87:12,15 mapping (3) 23:6;86:17;87:11 March (4) 8:8;9:7,9;38:16
86:18;90:10;96:13 last (6) 54:3;65:21;67:13;76:9; 148:5,20 late (7) 55:11,15,17;78:3;82:14, 20,21 later (2) 32:17;122:17 law (4) 7:7;50:8;69:18;100:20 laws (1) 69:1 lead (6) 8:16,18;83:16;84:1,2,4 leader (7) 9:5;25:12,13,14;103:10, 12;120:21 leadership (3) 8:14;16:12;26:13 learned (1) 81:16 least (1) 58:2 leave (5) 70:4;82:13;105:7;114:17; 143:2 leaves (1)	Lim (1) 84:13 limitation (6) 30:7,14;115:12,14; 134:19;135:8 line (2) 48:7;55:2 lines (2) 88:3;145:12 link (1) 86:20 links (1) 115:20 Linnington (1) 5:8 list (11) 109:15;140:5,7,10,14,18, 21;141:10,14,14;143:19 listened (2) 35:12;36:7 listening (1) 35:10 literally (1) 149:11 little (11) 39:6;44:9;52:11,11;61:7; 85:12;92:4;96:15;110:6; 117:2;126:21	85:16;107:2;136:9 looking (5) 31:21;95:8,21;139:8,11 looks (1) 23:9 lose (3) 68:15;69:7;134:7 lot (10) 10:8;14:6;34:6;53:19; 104:15;105:21;106:8; 108:7;126:19;128:19 loud (2) 138:2,6 loved (1) 10:11 low (3) 131:17;151:3;153:14 lowest (8) 110:13,21;111:5;112:3; 145:13,14,15,17 lunch (1) 154:11 M ma'am (31) 5:13,13;6:7;45:15;46:17, 21;47:3,8,15,19;49:8,10,18;	9:13;10:16;11:20;12:14; 16:11;17:4;18:10,13;27:13; 28:3,19;29:4;33:9,15;34:8, 18;41:6,8,17,19,19;42:13, 16,18;44:3;45:18;50:15; 55:10,18;60:12,20;61:18; 62:16,19;63:4;64:4;65:13; 66:7;71:13,17;72:1;74:9, 20;75:21;77:1,10;78:10,15, 20;79:16;80:18;84:5;85:1; 88:14,15,18;90:5;92:11,21; 93:14;100:3;102:7;104:2, 11,12,20;121:15,19;123:3, 11,18;124:1,13;125:21; 130:6;142:1;149:1,15 Manning's (7) 25:10;27:16;60:9;105:17; 119:20;120:12;122:1 many (12) 14:12;54:17;59:18;75:17; 78:4;92:1;97:16;98:14; 116:18;148:13;151:9,12 map (7) 21:15,17,18,20;22:4; 87:12,15 mapping (3) 23:6;86:17;87:11 March (4)

19:5	middle (1)	months (2)	
marked (5)	12:8	8:1;118:11	N
5:5;23:20,21;63:8;135:19	might (5)	more (13)	14
marking (1)	32:19;35:4;43:9;92:5;	6:13;14:14;19:12;35:2;	(12)
91:11	119:17	44:9;45:11;85:12;86:5;	name (12)
Martin (2)	mileage (1)	88:21;110:6;115:20;	22:14;39:7;64:3,5;83:6;
32:17,19	12:7	129:16;151:8	109:4,10;141:4;151:4,20,
martini (2)	military (5)	morning (2)	20;152:12
10:9;46:2	10:12;46:11;51:5;54:12;	6:1;19:19	names (12)
masked (1)	126:1	MOS (3)	34:1,2,5;146:17;147:1,4,
72:17	Millman (7)	8:2;50:20;51:10	18;151:2,3,15,17;152:19
master (10)	41:4;42:8,14;97:10;	most (9)	nation (1)
53:13,14;76:11;78:7;	130:2,3;133:10	21:14;35:1;60:17;69:10;	66:17
104:16;106:3,5;127:5,10,20	mining (2)	75:1;88:16;108:16;114:20;	national (5)
material (4)	53:5;79:1	73.1,88.10,108.10,114.20, 146:11	90:10;146:2,12,21;147:3
	minute (1)	Mostly (3)	nationals (3)
23:16,17;58:15;72:8	96:12		146:14,17;148:1
matter (3)		92:14;93:4;99:1	nature (1)
44:6;96:14,20	minutes (6)	motor (1)	54:20
May (17)	14:18;15:18;49:17;96:13;	74:14	NCO (5)
5:5;47:3;51:21;64:18;	137:15;148:12	Mountain (10)	26:11,17;27:1;54:6;102:1
68:5;69:14;70:10,19;102:8;	mIRC (21)	8:11;22:11;50:12;55:13;	NCOIC (10)
116:16;125:14;142:2,15;	40:1,7,9,13,14;41:3,14,	56:20;58:4;60:13;73:6;	16:15,21;20:13;26:9,16;
143:3,4,9;151:8	20;97:13,20;98:3,6,9,13;	80:16;99:12	27:18;33:11;43:18;104:14;
maybe (16)	99:7;129:18;130:3,6;	mouth (1)	127:10
90:11;96:13;106:8,14;	132:20;133:6;150:13	113:14	NCOs (1)
107:2;112:8,14;114:6,7,11;	misquoted (1)	move (5)	26:20
118:10;137:15;139:4;	36:16	18:20;19:4;131:8;132:18;	NDA (2)
141:3;148:6,15	miss (2)	149:18	60:6;137:11
mean (17)	7:2,10	moved (7)	necessarily (2)
8:17;16:16;29:16;39:13;	mission (9)	17:8;18:16;19:1;27:9;	11:2;139:1
56:1;67:20;69:9;79:3;	13:12,14,15;19:18;30:5;	105:2,13;124:6	necessary (2)
81:19;88:4;95:10;120:8;	39:11;48:15;75:14;85:21	movement (1)	6:5;143:21
128:19,19;139:19;140:1;	missions (1)	110:17	need (17)
146:9	18:1	movie (1)	6:17;13:8;20:18;29:19;
means (3)	misunderstood (1)	153:17	30:1,4;40:7;57:11;61:7;
8:19;39:20;62:10	43:9	movies (10)	62:19;67:18;94:17,20;
meant (3)	Mitchell (2)	37:13,14,16,19,20;38:2,5,	121:1;137:19;152:11;
16:17;80:2;138:14	120:10,14	12;131:4;153:15	154:16
media (4)	mixture (1)	moving (1)	needed (22)
5:10,15,20;38:11	86:19	13:9	6:13;15:2,6,12,14;16:19;
medium (1)	mobile (1)	much (8)	19:17;40:13;41:15;42:5;
83:4	51:11	6:16;20:2;28:17;61:4;	58:9;61:1;74:17;77:8,8;
member (2)	mode (1)	115:5;119:15;129:16;	85:4,6;126:4;136:11;143:6;
55:2;110:17	82:1	137:14	147:6;148:18
memorandum (1)	Mohammed (4)	muddle (1)	needs (1)
100:5	151:7,10;152:10,11	95:15	66:21
memory (2)	moment (11)	multi (2)	negligent (1)
55:10;133:2	24:21;46:15,21;49:5;	79:5;86:17	66:15
mentioned (7)	58:11;70:10;84:7;105:16;	multiple (5)	network (3)
11:8,8;48:3;52:1;74:19;	144:3;148:18;149:2	10:9;37:20;87:7;88:1,2	23:10,12;43:2
91:18;115:17	Monday (1)	multitude (1)	new (3)
mentor (3)	6:2	88:5	57:2;58:4;131:1
88:9;115:3;126:8	monitor (1)	munitions (1)	news (1)
mentored (1)	98:18	92:3	107:5
115:6	monitored (4)	music (21)	newspaper (1)
messaging (1)	19:15;98:10;149:2,9	35:10,12,15;36:3,4,5,7,	17:1
98:1	monitoring (2)	11,12,15,17,20;37:2,7,10;	next (8)
met (2)	56:6;58:8	128:3,13;129:5,9;130:16;	6:21;20:19;32:3;67:3;
9:6;81:13	month (6)	131:4	68:17;73:12;112:8;153:3
Microsoft (1)	17:6;25:21;26:1;27:7;	myself (2)	night (38)
87:2	102:12;118:10	16:10;59:16	16:3,9,10,15,18,21;17:5;
Mid (3)	monthly (1)	,	18:14,15;19:1,2,2,4,7,9;
82:14,20,21	25:19		26:7;27:1,4,5,6;33:20;34:4,
	ii	1	, , . , . , . ,

I I'C Drauley E. Mailing	0/3/13 1/101	ining ocssion	June 3, 2013
10.42.6 17.77.6 11 12.	19:13;58:6;78:19;81:10;	online (2)	outside (4)
19;43:6,17;77:6,11,13;	19:15;58:0;78:19;81:10;		
104:5,10,14,21;105:11;		102:16,17	6:9,14;37:1;54:11
122:5,8;123:6,9,11	occurring (1)	only (8)	over (22)
nights (1)	87:16	26:18,18;32:8;61:7;	15:5;20:16,18,20,21;
84:6	October (11)	103:21;115:17,18;135:10	21:8;26:3;27:1;29:18;32:3,
NIPRNET (2)	9:10;11:10,19;55:8,15,	onsite (1)	6;65:8;67:17;81:17;112:8;
37:17;96:6	17;77:21;78:1,11,12;80:14	88:11	127:20;135:18,21;137:11;
Nobody (1)	off (10)	on-the-job (1)	139:8;148:8;149:14
137:7	7:17;10:1;16:1;25:8;	115:2	overall (2)
non-clas (1)	71:19;99:11;101:18;103:3;	op (1)	23:15;122:8
85:13	104:20;126:14	102:14	overflow (4)
non-disclosure (29)	offense (1)	open (7)	6:5,8,10,14
24:18;56:6;57:7,12;	142:7	40:17;41:1;57:5;106:15,	OVERGAARD (16)
58:12,12,14;59:1,3,7,11,14,	offenses (1)	17,20;137:5	7:2,9;24:21;35:16;45:15,
15;60:1,10;63:1,2,5,17,21;	101:5	operate (1)	17;46:15,17,21;47:3,6,15,
64:6,12;65:9;73:11,14;	offers (1)	129:12	19,20;49:5,10
128:20;135:16;136:5,12	64:15	operated (3)	overheated (1)
none (2)	office (8)	90:20;92:1;129:15	133:20
106:4,5	5:14;15:13;57:16;61:8;	operation (2)	overlap (2)
non-work (2)	67:21;87:3;103:3;153:4	34:13;103:17	20:7,9
9:15,17	officer (19)	operational (6)	overrule (1)
normal (1)	15:13;21:8,8;50:3,11,20;	6:5;13:18;145:7,11,14,15	131:9
58:20	51:3;53:2;70:16;85:11,11;	operations (11)	Overruled (3)
normally (1)	99:16,17,19;100:5;101:18;	5:16,20;35:7;82:2,4;	35:21;62:2;142:13
118:10	123:18,19;127:14	85:19;96:1;127:1,2,8;	overview (1)
notes (1)	officers (2)	145:10	21:1
146:10	34:16;123:15	operator (2)	own (3)
notice (3)	official (2)	51:12,14	70:1;75:3;149:12
67:9;126:19,20	48:16;69:17	opinion (1)	_
notified (1)	officially (1)	36:18	P
153:3	67:7	OPS (1)	
153:3 notifying (1)	67:7 officials (1)	103:3	packet (4)
153:3 notifying (1) 25:17	67:7 officials (1) 95:2	103:3 order (18)	73:5,6,9,15
153:3 notifying (1) 25:17 November (5)	67:7 officials (1) 95:2 often (8)	103:3 order (18) 40:12;45:4;57:9;58:21;	73:5,6,9,15 Padgett (2)
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1;	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21;	73:5,6,9,15 Padgett (2) 104:16;122:15
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1)	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8;	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3)
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2)	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14;	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5)	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3)
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6;	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8)	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1)	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11;	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1)
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1)	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1)	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68)	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2)
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1)	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11;	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2)	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1) 147:12	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11; 24:21;25:10;26:20;30:13;	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2) 57:6;145:1	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16 paperwork (3)
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1) 147:12 nutshell (1)	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11; 24:21;25:10;26:20;30:13; 32:8;34:15;37:21;39:4;	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2) 57:6;145:1 organizations (1)	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16 paperwork (3) 60:2;62:18,19
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1) 147:12	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11; 24:21;25:10;26:20;30:13; 32:8;34:15;37:21;39:4; 41:16;42:18;46:15,21;49:5;	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2) 57:6;145:1 organizations (1) 107:5	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16 paperwork (3) 60:2;62:18,19 paperwork-wise (1)
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1) 147:12 nutshell (1) 95:6	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11; 24:21;25:10;26:20;30:13; 32:8;34:15;37:21;39:4; 41:16;42:18;46:15,21;49:5; 52:19;57:11,13;59:13;	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2) 57:6;145:1 organizations (1) 107:5 original (1)	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16 paperwork (3) 60:2;62:18,19 paperwork-wise (1) 83:2
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1) 147:12 nutshell (1)	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11; 24:21;25:10;26:20;30:13; 32:8;34:15;37:21;39:4; 41:16;42:18;46:15,21;49:5; 52:19;57:11,13;59:13; 60:10;66:1;76:12,16;78:5,7,	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2) 57:6;145:1 organizations (1) 107:5 original (1) 51:10	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16 paperwork (3) 60:2;62:18,19 paperwork-wise (1) 83:2 paragraph (14)
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1) 147:12 nutshell (1) 95:6	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11; 24:21;25:10;26:20;30:13; 32:8;34:15;37:21;39:4; 41:16;42:18;46:15,21;49:5; 52:19;57:11,13;59:13; 60:10;66:1;76:12,16;78:5,7, 9;79:19;80:19;81:5,7;84:7;	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2) 57:6;145:1 organizations (1) 107:5 original (1) 51:10 originally (2)	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16 paperwork (3) 60:2;62:18,19 paperwork-wise (1) 83:2 paragraph (14) 65:15;66:1,12;67:4;68:3,
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1) 147:12 nutshell (1) 95:6 O object (1)	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11; 24:21;25:10;26:20;30:13; 32:8;34:15;37:21;39:4; 41:16;42:18;46:15,21;49:5; 52:19;57:11,13;59:13; 60:10;66:1;76:12,16;78:5,7, 9;79:19;80:19;81:5,7;84:7; 85:18;86:5;87:8,8;88:14,	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2) 57:6;145:1 organizations (1) 107:5 original (1) 51:10 originally (2) 32:20;36:11	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16 paperwork (3) 60:2;62:18,19 paperwork-wise (1) 83:2 paragraph (14) 65:15;66:1,12;67:4;68:3, 17;69:11,20,20;70:8,21;
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1) 147:12 nutshell (1) 95:6 O object (1) 46:12	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11; 24:21;25:10;26:20;30:13; 32:8;34:15;37:21;39:4; 41:16;42:18;46:15,21;49:5; 52:19;57:11,13;59:13; 60:10;66:1;76:12,16;78:5,7, 9;79:19;80:19;81:5,7;84:7; 85:18;86:5;87:8,8;88:14, 20;90:4;92:14,16;93:10;	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2) 57:6;145:1 organizations (1) 107:5 original (1) 51:10 originally (2) 32:20;36:11 others (3)	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16 paperwork (3) 60:2;62:18,19 paperwork-wise (1) 83:2 paragraph (14) 65:15;66:1,12;67:4;68:3, 17;69:11,20,20;70:8,21; 71:4;136:3,21
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1) 147:12 nutshell (1) 95:6 O object (1) 46:12 objection (7)	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11; 24:21;25:10;26:20;30:13; 32:8;34:15;37:21;39:4; 41:16;42:18;46:15,21;49:5; 52:19;57:11,13;59:13; 60:10;66:1;76:12,16;78:5,7, 9;79:19;80:19;81:5,7;84:7; 85:18;86:5;87:8,8;88:14, 20;90:4;92:14,16;93:10; 95:13;103:19,21;104:2;	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2) 57:6;145:1 organizations (1) 107:5 original (1) 51:10 originally (2) 32:20;36:11 others (3) 28:13;31:20;67:1	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16 paperwork (3) 60:2;62:18,19 paperwork-wise (1) 83:2 paragraph (14) 65:15;66:1,12;67:4;68:3, 17;69:11,20,20;70:8,21; 71:4;136:3,21 paragraphs (1)
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1) 147:12 nutshell (1) 95:6 O object (1) 46:12 objection (7) 47:2;52:7;61:12;64:17;	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11; 24:21;25:10;26:20;30:13; 32:8;34:15;37:21;39:4; 41:16;42:18;46:15,21;49:5; 52:19;57:11,13;59:13; 60:10;66:1;76:12,16;78:5,7, 9;79:19;80:19;81:5,7;84:7; 85:18;86:5;87:8,8;88:14, 20;90:4;92:14,16;93:10; 95:13;103:19,21;104:2; 106:3;108:4,10,16;109:21;	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2) 57:6;145:1 organizations (1) 107:5 original (1) 51:10 originally (2) 32:20;36:11 others (3) 28:13;31:20;67:1 otherwise (3)	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16 paperwork (3) 60:2;62:18,19 paperwork-wise (1) 83:2 paragraph (14) 65:15;66:1,12;67:4;68:3, 17;69:11,20,20;70:8,21; 71:4;136:3,21 paragraphs (1) 71:10
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1) 147:12 nutshell (1) 95:6 O object (1) 46:12 objection (7) 47:2;52:7;61:12;64:17; 130:14;131:10;142:4	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11; 24:21;25:10;26:20;30:13; 32:8;34:15;37:21;39:4; 41:16;42:18;46:15,21;49:5; 52:19;57:11,13;59:13; 60:10;66:1;76:12,16;78:5,7, 9;79:19;80:19;81:5,7;84:7; 85:18;86:5;87:8,8;88:14, 20;90:4;92:14,16;93:10; 95:13;103:19,21;104:2; 106:3;108:4,10,16;109:21; 114:13,17;115:17,18;117:6;	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2) 57:6;145:1 organizations (1) 107:5 original (1) 51:10 originally (2) 32:20;36:11 others (3) 28:13;31:20;67:1 otherwise (3) 46:10;69:17;72:16	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16 paperwork (3) 60:2;62:18,19 paperwork-wise (1) 83:2 paragraph (14) 65:15;66:1,12;67:4;68:3, 17;69:11,20,20;70:8,21; 71:4;136:3,21 paragraphs (1) 71:10 parameter (1)
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1) 147:12 nutshell (1) 95:6 O object (1) 46:12 objection (7) 47:2;52:7;61:12;64:17; 130:14;131:10;142:4 observe (1)	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11; 24:21;25:10;26:20;30:13; 32:8;34:15;37:21;39:4; 41:16;42:18;46:15,21;49:5; 52:19;57:11,13;59:13; 60:10;66:1;76:12,16;78:5,7, 9;79:19;80:19;81:5,7;84:7; 85:18;86:5;87:8,8;88:14, 20;90:4;92:14,16;93:10; 95:13;103:19,21;104:2; 106:3;108:4,10,16;109:21; 114:13,17;115:17,18;117:6; 121:3;123:6,14,17;124:17;	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2) 57:6;145:1 organizations (1) 107:5 original (1) 51:10 originally (2) 32:20;36:11 others (3) 28:13;31:20;67:1 otherwise (3) 46:10;69:17;72:16 out (23)	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16 paperwork (3) 60:2;62:18,19 paperwork-wise (1) 83:2 paragraph (14) 65:15;66:1,12;67:4;68:3, 17;69:11,20,20;70:8,21; 71:4;136:3,21 paragraphs (1) 71:10 parameter (1) 87:9
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1) 147:12 nutshell (1) 95:6 O object (1) 46:12 objection (7) 47:2;52:7;61:12;64:17; 130:14;131:10;142:4 observe (1) 78:14	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11; 24:21;25:10;26:20;30:13; 32:8;34:15;37:21;39:4; 41:16;42:18;46:15,21;49:5; 52:19;57:11,13;59:13; 60:10;66:1;76:12,16;78:5,7, 9;79:19;80:19;81:5,7;84:7; 85:18;86:5;87:8,8;88:14, 20;90:4;92:14,16;93:10; 95:13;103:19,21;104:2; 106:3;108:4,10,16;109:21; 114:13,17;115:17,18;117:6; 121:3;123:6,14,17;124:17; 125:1;126:2;139:7;142:10;	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2) 57:6;145:1 organizations (1) 107:5 original (1) 51:10 originally (2) 32:20;36:11 others (3) 28:13;31:20;67:1 otherwise (3) 46:10;69:17;72:16 out (23) 13:9;23:18;26:19;27:4;	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16 paperwork (3) 60:2;62:18,19 paperwork-wise (1) 83:2 paragraph (14) 65:15;66:1,12;67:4;68:3, 17;69:11,20,20;70:8,21; 71:4;136:3,21 paragraphs (1) 71:10 parameter (1) 87:9 part (11)
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1) 147:12 nutshell (1) 95:6 O object (1) 46:12 objection (7) 47:2;52:7;61:12;64:17; 130:14;131:10;142:4 observe (1) 78:14 obtain (2)	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11; 24:21;25:10;26:20;30:13; 32:8;34:15;37:21;39:4; 41:16;42:18;46:15,21;49:5; 52:19;57:11,13;59:13; 60:10;66:1;76:12,16;78:5,7, 9;79:19;80:19;81:5,7;84:7; 85:18;86:5;87:8,8;88:14, 20;90:4;92:14,16;93:10; 95:13;103:19,21;104:2; 106:3;108:4,10,16;109:21; 114:13,17;115:17,18;117:6; 121:3;123:6,14,17;124:17; 125:1;126:2;139:7;142:10; 143:20	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2) 57:6;145:1 organizations (1) 107:5 original (1) 51:10 originally (2) 32:20;36:11 others (3) 28:13;31:20;67:1 otherwise (3) 46:10;69:17;72:16 out (23) 13:9;23:18;26:19;27:4; 29:12;30:7,14;36:16;42:5;	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16 paperwork (3) 60:2;62:18,19 paperwork-wise (1) 83:2 paragraph (14) 65:15;66:1,12;67:4;68:3, 17;69:11,20,20;70:8,21; 71:4;136:3,21 paragraphs (1) 71:10 parameter (1) 87:9 part (11) 8:10;13:3;32:20;65:11;
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1) 147:12 nutshell (1) 95:6 O object (1) 46:12 objection (7) 47:2;52:7;61:12;64:17; 130:14;131:10;142:4 observe (1) 78:14 obtain (2) 57:13;69:14	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11; 24:21;25:10;26:20;30:13; 32:8;34:15;37:21;39:4; 41:16;42:18;46:15,21;49:5; 52:19;57:11,13;59:13; 60:10;66:1;76:12,16;78:5,7, 9;79:19;80:19;81:5,7;84:7; 85:18;86:5;87:8,8;88:14, 20;90:4;92:14,16;93:10; 95:13;103:19,21;104:2; 106:3;108:4,10,16;109:21; 114:13,17;115:17,18;117:6; 121:3;123:6,14,17;124:17; 125:1;126:2;139:7;142:10; 143:20 ones (1)	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2) 57:6;145:1 organizations (1) 107:5 original (1) 51:10 originally (2) 32:20;36:11 others (3) 28:13;31:20;67:1 otherwise (3) 46:10;69:17;72:16 out (23) 13:9;23:18;26:19;27:4; 29:12;30:7,14;36:16;42:5; 57:14;59:13;82:5,8;83:5;	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16 paperwork (3) 60:2;62:18,19 paperwork-wise (1) 83:2 paragraph (14) 65:15;66:1,12;67:4;68:3, 17;69:11,20,20;70:8,21; 71:4;136:3,21 paragraphs (1) 71:10 parameter (1) 87:9 part (11) 8:10;13:3;32:20;65:11; 81:15;102:19;111:11,11;
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1) 147:12 nutshell (1) 95:6 O object (1) 46:12 objection (7) 47:2;52:7;61:12;64:17; 130:14;131:10;142:4 observe (1) 78:14 obtain (2) 57:13;69:14 obviously (2)	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11; 24:21;25:10;26:20;30:13; 32:8;34:15;37:21;39:4; 41:16;42:18;46:15,21;49:5; 52:19;57:11,13;59:13; 60:10;66:1;76:12,16;78:5,7, 9;79:19;80:19;81:5,7;84:7; 85:18;86:5;87:8,8;88:14, 20;90:4;92:14,16;93:10; 95:13;103:19,21;104:2; 106:3;108:4,10,16;109:21; 114:13,17;115:17,18;117:6; 121:3;123:6,14,17;124:17; 125:1;126:2;139:7;142:10; 143:20 ones (1) 75:10	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2) 57:6;145:1 organizations (1) 107:5 original (1) 51:10 originally (2) 32:20;36:11 others (3) 28:13;31:20;67:1 otherwise (3) 46:10;69:17;72:16 out (23) 13:9;23:18;26:19;27:4; 29:12;30:7,14;36:16;42:5; 57:14;59:13;82:5,8;83:5; 95:12;106:11;107:15;	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16 paperwork (3) 60:2;62:18,19 paperwork-wise (1) 83:2 paragraph (14) 65:15;66:1,12;67:4;68:3, 17;69:11,20,20;70:8,21; 71:4;136:3,21 paragraphs (1) 71:10 parameter (1) 87:9 part (11) 8:10;13:3;32:20;65:11; 81:15;102:19;111:11,11; 114:20;133:7;146:11
153:3 notifying (1) 25:17 November (5) 13:3,4;82:14,20,21 nowhere (1) 12:9 number (5) 58:18;88:1;92:16;109:6; 146:8 numbered (1) 95:14 numbers (1) 147:12 nutshell (1) 95:6 O object (1) 46:12 objection (7) 47:2;52:7;61:12;64:17; 130:14;131:10;142:4 observe (1) 78:14 obtain (2) 57:13;69:14	67:7 officials (1) 95:2 often (8) 9:12;21:6;74:11;80:1; 86:4;124:15;137:18;148:4 OIC (2) 20:13,21 once (8) 15:20;16:1;59:5;81:11; 82:3;83:7;103:9;113:10 one (68) 5:21;6:1,2;14:14;18:11; 24:21;25:10;26:20;30:13; 32:8;34:15;37:21;39:4; 41:16;42:18;46:15,21;49:5; 52:19;57:11,13;59:13; 60:10;66:1;76:12,16;78:5,7, 9;79:19;80:19;81:5,7;84:7; 85:18;86:5;87:8,8;88:14, 20;90:4;92:14,16;93:10; 95:13;103:19,21;104:2; 106:3;108:4,10,16;109:21; 114:13,17;115:17,18;117:6; 121:3;123:6,14,17;124:17; 125:1;126:2;139:7;142:10; 143:20 ones (1)	103:3 order (18) 40:12;45:4;57:9;58:21; 62:20;70:17;74:19;79:21; 81:17;83:3,6;85:21;106:8; 107:19;114:6,12;117:14; 118:7 orderly (1) 55:4 org (1) 84:9 organization (2) 57:6;145:1 organizations (1) 107:5 original (1) 51:10 originally (2) 32:20;36:11 others (3) 28:13;31:20;67:1 otherwise (3) 46:10;69:17;72:16 out (23) 13:9;23:18;26:19;27:4; 29:12;30:7,14;36:16;42:5; 57:14;59:13;82:5,8;83:5;	73:5,6,9,15 Padgett (2) 104:16;122:15 page (3) 64:10;70:7;71:2 paint (3) 14:16;87:18;90:17 PAO (1) 153:3 paper (2) 58:14;137:16 paperwork (3) 60:2;62:18,19 paperwork-wise (1) 83:2 paragraph (14) 65:15;66:1,12;67:4;68:3, 17;69:11,20,20;70:8,21; 71:4;136:3,21 paragraphs (1) 71:10 parameter (1) 87:9 part (11) 8:10;13:3;32:20;65:11; 81:15;102:19;111:11,11;

35:5

occurred (5)

Outlook (1)

141:12

on-ground (1)

151:19

83:21;85:16;121:10

particularly (1)

70:20	144:8;147:13,14	87:14	presentation (4)
parties (3)	perspective (3)	point (29)	21:19;22:5;53:20;79:1
10:9;44:17;46:2	90:19;92:4;133:6	13:11;21:19;22:5;25:10;	presentations (1)
partner (3)	pertaining (1)	26:14;38:6,8,11;40:20;	75:4
15:4,4,10	65:18	41:12;42:19;43:16;55:4;	Press (1)
passenger (1)	pertinent (4)	75:1;87:18;106:3;109:21;	5:4
82:1	21:19,20;23:5;153:19	111:15;112:21;121:14;	pretty (1)
passionate (1)	PFC (57)	122:10,11;123:2,9;124:12,	42:19
28:7	9:13;10:16;11:20;12:14;	17;125:1;138:12;153:6	prevent (2)
password (4)	16:10,11;17:4,4;18:9,13;	points (2)	14:8;44:14
29:8;44:4;83:6;107:11	27:13,16;28:3,19;29:4;33:9,	59:5;88:3	previous (5)
passwords (5)	15;34:8,18;41:6,8,19;42:13,	police (1)	31:1;61:16;71:2;82:1,4
11:6;42:19,21;43:1,14	16;45:18;55:10,18;66:7;	21:16	Previously (1)
past (5)	74:9;75:21;77:1;84:5,21;	policy (1)	27:17
92:15;113:15;114:2,5,12	88:14,15,18;92:11,21;	28:14	primarily (6)
paste (1)	93:14;100:3;102:7;104:2,	political (1)	40:10;44:15;77:7;78:21;
79:19	11,20;105:17;119:20;	28:20	127:1,7
pattern (3)	120:11;121:15,19;122:1;	politics (5)	primary (4)
53:4;87:17;90:1	123:3,18;124:1,13;125:21;	10:10;28:5;45:19;126:11;	19:9;20:4;40:11;55:19
patterns (1)	130:6;142:1	153:17	print (1)
90:18	phonetically (1)	pool (1)	62:12
Pentagon (1)	151:14	74:14	prior (12)
10:11	PI (1)	popping (1)	15:4;19:14;67:9;74:10,
people (7)	92:14	39:6	11;75:16,19,20;83:11;
23:1;27:4;45:4;82:10;	picture (4)	populate (1)	119:21;121:15,20
151:14;152:10;153:15	14:16;21:20;87:18;90:17	21:17	prioritized (1)
per (3)	pictured (1)	populates (1)	85:7
5:15;148:8,9	81:21	111:8	Private (22)
performance (4)	pictures (2)	population (2)	50:14;60:9,12,20;61:17;
105:17;119:21;122:2;	13:18;23:7	14:6;21:15	62:15,19;63:4;65:13;71:13,
123:11	piece (1)	portal (2)	16;72:1;74:19;77:10;78:9,
performer (1)	58:14	43:1;80:11	14,20;79:16;80:18;90:4;
124:13	pieced (1)	portals (3)	149:1,14
performing (1)	23:8	11:3,5;23:2	probably (7)
89:20	pieces (1)	portion (1)	14:13,14;18:11;110:6;
perhaps (1)	108:10	116:4	115:15;136:19;143:5
35:3	place (4)	portions (1)	problem (7)
period (4)	8:21;15:8;21:18;152:9	76:12	34:9;118:13,17;133:14,
77:16;104:19;118:4;	placed (3)	position (8)	18;141:6;150:18
148:17	37:1;66:4,9	15:1;17:14;26:17;68:6;	problems (4)
periodic (2)	places (2)	83:14,14;126:6;127:21	27:18;123:11;125:7,15
56:5;58:9	138:17;144:9	positive (1)	procedure (2)
permanent (3)	plans (3)	25:20	58:20;59:20
49:9;100:6;154:4	15:6;85:10,11	possible (2)	procedures (1)
permissible (1)	platforms (3)	13:19;151:12	61:20
38:4	97:17;98:11,21	possibly (2)	proceed (4)
permission (1)	plats (1)	30:5;55:11	5:2;6:18;50:1;65:2
64:21	87:15	Post (2)	PROCEEDINGS (1)
permitted (3)	play (5)	111:7,19	5:1
67:14;107:12;135:3	38:18;39:2,9,13;131:14	potential (1)	process (5)
person (8)	played (5)	101:6	12:19,21;13:5;48:14;65:7
38:1;43:19;67:16,17;	37:14,16;38:21;39:17;	Power (3)	processed (4)
100:17;104:1;135:21;	130:12	21:19;22:5;75:1	65:13;67:16;68:12;69:4
151:11	playing (2)	predictive (1)	processes (2)
personal (5)	39:10;128:3	114:7	86:21;88:10
27:12,15;36:17;57:20;	please (27)	prepare (1)	produce (3)
70:12	5:6;6:6;24:21;46:15,21;	76:9	52:20;83:21;85:17
personally (2)	49:5,11;52:15;62:10;64:10,	preparing (1)	product (13)
72:14;98:7	18;65:11;66:1,11;67:4;	74:20	15:12;19:18;20:4;21:11,
personnel (12)	68:3;70:7,13;73:2;81:18;	presence (1)	14;22:6;27:17;52:19;74:21;
37:20;55:19,21;56:3,9,15,	84:7,8;85:12;86:5;132:18;	47:21	85:18;92:14;97:2;124:2
18;57:3,16;58:3;65:8;76:6	144:5;154:7	present (1)	productivity (2)
persons (3)	plot (1)	131:13	25:9;125:15

			2.1
products (14)	published (4)	reaching (2)	86:4
14:8;15:5;16:19,20;	47:11;75:2;144:10,10	44:17,18	reflect (1)
21:13;33:3,7;34:18;74:20;	pull (12)	read (24)	70:11
124:14,14,18,21;125:2	56:12;57:4;61:10;77:7;	24:12;59:3;62:8,11;66:1,	regard (7)
profile (1)	92:21;93:11;95:11,14;	11;67:3;68:3;70:7,13,14,19;	10:5,21;33:20;34:14;
57:6	114:6;115:15;133:5;135:9	71:1;73:5;105:20;114:11;	40:1;132:20;151:2
program (9)	pull-downs (2)	137:16,21;138:2,3,6,10,13;	regards (9)
22:5;42:15;86:18;87:5;	116:21;117:4	146:9	26:2;30:20;109:8;118:15;
97:4,7;133:1,3;141:12	pulled (1)	readily (2)	124:14;128:2;130:9;
programs (5)	85:15	61:9;136:10	139:16;142:15
86:13,15,19;87:1;133:8	purloining (1)	reading (1)	regulation (1)
prohibited (1)	142:10	91:14	70:18
38:2	purpose (3)	reads (1)	reinvestigation (1)
prohibition (2)	47:18;48:16;53:17	66:8	58:10
141:15;153:20	purposes (1)	ready (1)	related (2)
prohibitions (1)	132:1	49:21	9:15,17
29:12	put (34)	really (4)	
			relationship (3)
project (1)	15:1;21:18,20;23:7;27:1;	87:18;119:15;125:11;	41:11;43:4,7
147:4	29:12;30:7,14;31:1;34:10;	132:7	relationships (1)
projection (1)	36:16;41:6,8,14,19;42:5,15;	realm (1)	68:8
20:14	77:8;107:15;108:13;111:2;	113:16	release (2)
promising (1)	113:13;116:10;124:20;	real-time (1)	65:19;153:4
24:20	130:3,6;133:9;135:3,9,12;	34:20	released (2)
promotable (1)	141:16;149:19;150:13;	reason (12)	15:17,20
54:5	152:3	94:2,11,14;95:20;119:17;	Relevance (15)
promoted (1)	putting (1)	138:17;139:1,19;140:10;	35:17;46:13,14;47:4,13;
126:6	151:20	143:18,19,21	61:13,14,16;100:9,10,21;
proper (1)		reasonable (1)	141:7;142:4,5,6
127:18	Q	34:3	relevant (2)
properly (4)	*	recall (15)	89:19;142:8
66:10,21;67:7;100:3	quality (2)	22:14;28:4;30:9;32:16,	relied (1)
property (4)	125:18,18	21;37:9;105:5;116:17;	152:15
69:16;70:4,5,6	query (1)	117:2;118:6,8,9;124:18;	rely (6)
prosecution (15)	23:5	140:9;141:19	88:18;92:6;119:1,5;
63:8,11;64:15,16,19;	QueryTree (4)	receive (9)	147:3,5
65:1;72:11,20;73:3,4,20;	87:4,5,6,7	18:3,9;24:9;46:10;53:1;	relying (1)
74:1;135:18,19;137:9	quicker (1)	62:20;67:8,19;99:10	113:13
protect (1)	119:7	received (2)	remain (2)
109:19	quickly (1)	5:3;53:3	67:21;69:15
protected (2)	95:8	recess (5)	remained (2)
29:9;107:12	quite (3)	49:19,20;154:11,17,20	62:14;67:19
protocol (1)	31:16;116:19;117:4	recipient (1)	
24:3		I	remains (1)
	quote (1)	67:7	70:3
protocols (1)	quote (1) 144:3		70:3 remember (30)
	144:3	67:7	70:3
protocols (1)		67:7 recognize (2)	70:3 remember (30)
protocols (1) 24:10	144:3	67:7 recognize (2) 63:13,18	70:3 remember (30) 9:6;18:17;37:4;39:5,7;
protocols (1) 24:10 prove (1) 101:4	144:3 R	67:7 recognize (2) 63:13,18 reconnaissance (1)	70:3 remember (30) 9:6;18:17;37:4;39:5,7; 40:17;43:5,7;44:2;48:7; 60:9;78:2;89:13;92:14;
protocols (1) 24:10 prove (1) 101:4 provide (1)	144:3 R radio (1)	67:7 recognize (2) 63:13,18 reconnaissance (1) 103:7 record (3)	70:3 remember (30) 9:6;18:17;37:4;39:5,7; 40:17;43:5,7;44:2;48:7; 60:9;78:2;89:13;92:14; 109:14;115:20;116:1,13,16,
protocols (1) 24:10 prove (1) 101:4 provide (1) 144:8	144:3 R radio (1) 51:14	67:7 recognize (2) 63:13,18 reconnaissance (1) 103:7 record (3) 6:4;7:13;70:11	70:3 remember (30) 9:6;18:17;37:4;39:5,7; 40:17;43:5,7;44:2;48:7; 60:9;78:2;89:13;92:14; 109:14;115:20;116:1,13,16, 21;126:2,15;128:1,21;
protocols (1) 24:10 prove (1) 101:4 provide (1) 144:8 provides (1)	144:3 R radio (1) 51:14 ramp (1)	67:7 recognize (2) 63:13,18 reconnaissance (1) 103:7 record (3) 6:4;7:13;70:11 recording (1)	70:3 remember (30) 9:6;18:17;37:4;39:5,7; 40:17;43:5,7;44:2;48:7; 60:9;78:2;89:13;92:14; 109:14;115:20;116:1,13,16, 21;126:2,15;128:1,21; 129:6;140:3;142:19;143:1;
protocols (1) 24:10 prove (1) 101:4 provide (1) 144:8 provides (1) 144:21	radio (1) 51:14 ramp (1) 75:16	67:7 recognize (2) 63:13,18 reconnaissance (1) 103:7 record (3) 6:4;7:13;70:11 recording (1) 5:18	70:3 remember (30) 9:6;18:17;37:4;39:5,7; 40:17;43:5,7;44:2;48:7; 60:9;78:2;89:13;92:14; 109:14;115:20;116:1,13,16, 21;126:2,15;128:1,21; 129:6;140:3;142:19;143:1; 148:7,16
protocols (1) 24:10 prove (1) 101:4 provide (1) 144:8 provides (1) 144:21 provision (1)	radio (1) 51:14 ramp (1) 75:16 range (3)	67:7 recognize (2) 63:13,18 reconnaissance (1) 103:7 record (3) 6:4;7:13;70:11 recording (1) 5:18 RECROSS (1)	70:3 remember (30) 9:6;18:17;37:4;39:5,7; 40:17;43:5,7;44:2;48:7; 60:9;78:2;89:13;92:14; 109:14;115:20;116:1,13,16, 21;126:2,15;128:1,21; 129:6;140:3;142:19;143:1; 148:7,16 reminded (1)
protocols (1) 24:10 prove (1) 101:4 provide (1) 144:8 provides (1) 144:21 provision (1) 138:13	radio (1) 51:14 ramp (1) 75:16 range (3) 61:20;96:15;148:12	67:7 recognize (2) 63:13,18 reconnaissance (1) 103:7 record (3) 6:4;7:13;70:11 recording (1) 5:18 RECROSS (1) 150:11	70:3 remember (30) 9:6;18:17;37:4;39:5,7; 40:17;43:5,7;44:2;48:7; 60:9;78:2;89:13;92:14; 109:14;115:20;116:1,13,16, 21;126:2,15;128:1,21; 129:6;140:3;142:19;143:1; 148:7,16 reminded (1) 24:13
protocols (1) 24:10 prove (1) 101:4 provide (1) 144:8 provides (1) 144:21 provision (1) 138:13 provisions (5)	radio (1) 51:14 ramp (1) 75:16 range (3) 61:20;96:15;148:12 ranges (1)	67:7 recognize (2) 63:13,18 reconnaissance (1) 103:7 record (3) 6:4;7:13;70:11 recording (1) 5:18 RECROSS (1) 150:11 redacted (1)	70:3 remember (30) 9:6;18:17;37:4;39:5,7; 40:17;43:5,7;44:2;48:7; 60:9;78:2;89:13;92:14; 109:14;115:20;116:1,13,16, 21;126:2,15;128:1,21; 129:6;140:3;142:19;143:1; 148:7,16 reminded (1) 24:13 remove (1)
protocols (1) 24:10 prove (1) 101:4 provide (1) 144:8 provides (1) 144:21 provision (1) 138:13 provisions (5) 69:1;136:4,7,18;137:1	radio (1) 51:14 ramp (1) 75:16 range (3) 61:20;96:15;148:12 ranges (1) 90:9	67:7 recognize (2) 63:13,18 reconnaissance (1) 103:7 record (3) 6:4;7:13;70:11 recording (1) 5:18 RECROSS (1) 150:11 redacted (1) 146:10	70:3 remember (30) 9:6;18:17;37:4;39:5,7; 40:17;43:5,7;44:2;48:7; 60:9;78:2;89:13;92:14; 109:14;115:20;116:1,13,16, 21;126:2,15;128:1,21; 129:6;140:3;142:19;143:1; 148:7,16 reminded (1) 24:13 remove (1) 149:15
protocols (1) 24:10 prove (1) 101:4 provide (1) 144:8 provides (1) 144:21 provision (1) 138:13 provisions (5) 69:1;136:4,7,18;137:1 PT (2)	radio (1) 51:14 ramp (1) 75:16 range (3) 61:20;96:15;148:12 ranges (1) 90:9 rank (2)	67:7 recognize (2) 63:13,18 reconnaissance (1) 103:7 record (3) 6:4;7:13;70:11 recording (1) 5:18 RECROSS (1) 150:11 redacted (1) 146:10 Redirect (5)	70:3 remember (30) 9:6;18:17;37:4;39:5,7; 40:17;43:5,7;44:2;48:7; 60:9;78:2;89:13;92:14; 109:14;115:20;116:1,13,16, 21;126:2,15;128:1,21; 129:6;140:3;142:19;143:1; 148:7,16 reminded (1) 24:13 remove (1) 149:15 removed (2)
protocols (1) 24:10 prove (1) 101:4 provide (1) 144:8 provides (1) 144:21 provision (1) 138:13 provisions (5) 69:1;136:4,7,18;137:1 PT (2) 15:20;74:14	radio (1) 51:14 ramp (1) 75:16 range (3) 61:20;96:15;148:12 ranges (1) 90:9 rank (2) 7:19;54:3	67:7 recognize (2) 63:13,18 reconnaissance (1) 103:7 record (3) 6:4;7:13;70:11 recording (1) 5:18 RECROSS (1) 150:11 redacted (1) 146:10 Redirect (5) 45:14,16;143:13,15;	70:3 remember (30) 9:6;18:17;37:4;39:5,7; 40:17;43:5,7;44:2;48:7; 60:9;78:2;89:13;92:14; 109:14;115:20;116:1,13,16, 21;126:2,15;128:1,21; 129:6;140:3;142:19;143:1; 148:7,16 reminded (1) 24:13 remove (1) 149:15 removed (2) 37:2;125:12
protocols (1) 24:10 prove (1) 101:4 provide (1) 144:8 provides (1) 144:21 provision (1) 138:13 provisions (5) 69:1;136:4,7,18;137:1 PT (2) 15:20;74:14 public (2)	radio (1) 51:14 ramp (1) 75:16 range (3) 61:20;96:15;148:12 ranges (1) 90:9 rank (2) 7:19;54:3 rarely (1)	67:7 recognize (2) 63:13,18 reconnaissance (1) 103:7 record (3) 6:4;7:13;70:11 recording (1) 5:18 RECROSS (1) 150:11 redacted (1) 146:10 Redirect (5) 45:14,16;143:13,15; 153:9	70:3 remember (30) 9:6;18:17;37:4;39:5,7; 40:17;43:5,7;44:2;48:7; 60:9;78:2;89:13;92:14; 109:14;115:20;116:1,13,16, 21;126:2,15;128:1,21; 129:6;140:3;142:19;143:1; 148:7,16 reminded (1) 24:13 remove (1) 149:15 removed (2) 37:2;125:12 removing (1)
protocols (1) 24:10 prove (1) 101:4 provide (1) 144:8 provides (1) 144:21 provision (1) 138:13 provisions (5) 69:1;136:4,7,18;137:1 PT (2) 15:20;74:14 public (2) 5:13;153:4	radio (1) 51:14 ramp (1) 75:16 range (3) 61:20;96:15;148:12 ranges (1) 90:9 rank (2) 7:19;54:3 rarely (1) 18:6	67:7 recognize (2) 63:13,18 reconnaissance (1) 103:7 record (3) 6:4;7:13;70:11 recording (1) 5:18 RECROSS (1) 150:11 redacted (1) 146:10 Redirect (5) 45:14,16;143:13,15; 153:9 reference (2)	70:3 remember (30) 9:6;18:17;37:4;39:5,7; 40:17;43:5,7;44:2;48:7; 60:9;78:2;89:13;92:14; 109:14;115:20;116:1,13,16, 21;126:2,15;128:1,21; 129:6;140:3;142:19;143:1; 148:7,16 reminded (1) 24:13 remove (1) 149:15 removed (2) 37:2;125:12 removing (1) 68:6
protocols (1) 24:10 prove (1) 101:4 provide (1) 144:8 provides (1) 144:21 provision (1) 138:13 provisions (5) 69:1;136:4,7,18;137:1 PT (2) 15:20;74:14 public (2) 5:13;153:4 publication (1)	radio (1) 51:14 ramp (1) 75:16 range (3) 61:20;96:15;148:12 ranges (1) 90:9 rank (2) 7:19;54:3 rarely (1) 18:6 rather (1)	67:7 recognize (2) 63:13,18 reconnaissance (1) 103:7 record (3) 6:4;7:13;70:11 recording (1) 5:18 RECROSS (1) 150:11 redacted (1) 146:10 Redirect (5) 45:14,16;143:13,15; 153:9 reference (2) 96:8;144:2	70:3 remember (30) 9:6;18:17;37:4;39:5,7; 40:17;43:5,7;44:2;48:7; 60:9;78:2;89:13;92:14; 109:14;115:20;116:1,13,16, 21;126:2,15;128:1,21; 129:6;140:3;142:19;143:1; 148:7,16 reminded (1) 24:13 remove (1) 149:15 removed (2) 37:2;125:12 removing (1) 68:6 repeat (2)
protocols (1) 24:10 prove (1) 101:4 provide (1) 144:8 provides (1) 144:21 provision (1) 138:13 provisions (5) 69:1;136:4,7,18;137:1 PT (2) 15:20;74:14 public (2) 5:13;153:4 publication (1) 72:16	radio (1) 51:14 ramp (1) 75:16 range (3) 61:20;96:15;148:12 ranges (1) 90:9 rank (2) 7:19;54:3 rarely (1) 18:6 rather (1) 153:16	67:7 recognize (2) 63:13,18 reconnaissance (1) 103:7 record (3) 6:4;7:13;70:11 recording (1) 5:18 RECROSS (1) 150:11 redacted (1) 146:10 Redirect (5) 45:14,16;143:13,15; 153:9 reference (2) 96:8;144:2 referenced (1)	70:3 remember (30) 9:6;18:17;37:4;39:5,7; 40:17;43:5,7;44:2;48:7; 60:9;78:2;89:13;92:14; 109:14;115:20;116:1,13,16, 21;126:2,15;128:1,21; 129:6;140:3;142:19;143:1; 148:7,16 reminded (1) 24:13 remove (1) 149:15 removed (2) 37:2;125:12 removing (1) 68:6 repeat (2) 36:1;92:1
protocols (1) 24:10 prove (1) 101:4 provide (1) 144:8 provides (1) 144:21 provision (1) 138:13 provisions (5) 69:1;136:4,7,18;137:1 PT (2) 15:20;74:14 public (2) 5:13;153:4 publication (1) 72:16 publish (2)	radio (1) 51:14 ramp (1) 75:16 range (3) 61:20;96:15;148:12 ranges (1) 90:9 rank (2) 7:19;54:3 rarely (1) 18:6 rather (1) 153:16 raw (1)	67:7 recognize (2) 63:13,18 reconnaissance (1) 103:7 record (3) 6:4;7:13;70:11 recording (1) 5:18 RECROSS (1) 150:11 redacted (1) 146:10 Redirect (5) 45:14,16;143:13,15; 153:9 reference (2) 96:8;144:2 referenced (1) 70:18	70:3 remember (30) 9:6;18:17;37:4;39:5,7; 40:17;43:5,7;44:2;48:7; 60:9;78:2;89:13;92:14; 109:14;115:20;116:1,13,16, 21;126:2,15;128:1,21; 129:6;140:3;142:19;143:1; 148:7,16 reminded (1) 24:13 remove (1) 149:15 removed (2) 37:2;125:12 removing (1) 68:6 repeat (2) 36:1;92:1 rephrase (1)
protocols (1) 24:10 prove (1) 101:4 provide (1) 144:8 provides (1) 144:21 provision (1) 138:13 provisions (5) 69:1;136:4,7,18;137:1 PT (2) 15:20;74:14 public (2) 5:13;153:4 publication (1) 72:16	radio (1) 51:14 ramp (1) 75:16 range (3) 61:20;96:15;148:12 ranges (1) 90:9 rank (2) 7:19;54:3 rarely (1) 18:6 rather (1) 153:16	67:7 recognize (2) 63:13,18 reconnaissance (1) 103:7 record (3) 6:4;7:13;70:11 recording (1) 5:18 RECROSS (1) 150:11 redacted (1) 146:10 Redirect (5) 45:14,16;143:13,15; 153:9 reference (2) 96:8;144:2 referenced (1)	70:3 remember (30) 9:6;18:17;37:4;39:5,7; 40:17;43:5,7;44:2;48:7; 60:9;78:2;89:13;92:14; 109:14;115:20;116:1,13,16, 21;126:2,15;128:1,21; 129:6;140:3;142:19;143:1; 148:7,16 reminded (1) 24:13 remove (1) 149:15 removed (2) 37:2;125:12 removing (1) 68:6 repeat (2) 36:1;92:1

replace (1)	retrieve (2)	44:11;49:1;83:5	secure (1)
12:16	135:17;137:9	SAET (1)	62:14
report (8)	retrieving (3)	102:15	security (23)
90:9;91:17;95:13,14,15;	63:7;72:10;73:20	safeguard (2)	30:2;46:11;53:3;55:20,
110:10;144:10;149:19	return (2)	24:20:44:13	21;56:4,15,18;58:3,5;59:8;
reported (4)	62:8,11	safeguarding (2)	60:18;65:8;67:13;68:5,9;
109:11;110:21;112:3;	review (4)	24:13;44:19	76:6;121:12,16,19;127:11,
113:15	94:12,15,18,21	safety (1)	13;129:2
reporting (11)	RFIs (1)	19:10	seem (1)
79:14,18,20;85:15,15;	34:5	same (12)	88:8
89:3;90:1;109:10;111:2;	ride (1)	11:21;69:6;73:13;82:18;	seemed (1)
112:12;151:4	81:16	88:3;90:4;92:2,3,3;102:6;	129:12
reports (6)	right (65)	139:4;145:12	seems (1)
80:3,4;94:12,15,18;109:3	6:3,16;8:21,21;9:1;29:5;	sat (1)	33:21
representation (1)	30:6,11;31:5,10;33:4,15;	78:18	select (1)
127:14	35:6;36:14;37:13;39:2;	save (5)	116:19
			self (1)
representative (1)	40:14,19;42:11;43:3;44:21;	118:16;134:10,13,16,20	
127:11	45:3;46:19;49:7;62:2;71:5;	saved (2)	84:18
represented (1)	78:18;81:15,19,20;82:1,17;	117:12,14	send (1)
117:6	104:21;105:21;106:7,21;	saw (5)	17:21
reprimand (6)	107:9;108:5;109:4,9;110:5,	135:2,11;149:15;150:1;	senior (1)
99:15,17,20;100:1,2,5	10;112:9;113:4;119:11;	152:10	95:2
request (3)	122:13;125:12;126:5,17;	saying (9)	sensitive (1)
5:7;34:1;64:21	128:17;130:9,17;131:18;	36:14,20;44:4;57:14;	23:17
requested (4)	132:6,16;136:13;138:7,20;	118:6;124:18;137:19;	sentence (15)
15:12;19:18;35:5;143:6	139:16;140:19;142:13;	151:21;153:4	65:21;66:7,12,18;67:3,3,
requests (1)	152:3,12;154:6,13	scale (2)	15;68:2,12,17,17;69:4,11,
49:15	role (4)	124:15,16	20;138:10
require (1)	16:12;59:21;60:3;77:5	SCI (3)	sentences (1)
59:8	roll (2)	61:5;62:5;73:5	138:6
required (8)	79:13;152:9	SCIF (11)	separate (2)
44:11;47:7,8;57:9;58:10;	Romeo (1)	12:13,14;13:2;28:13;	89:6;111:13
73:10,17;74:18	51:11	32:4;125:12;127:3,8,17;	September (6)
requirements (1)	room (3)	142:1;149:2	51:19,21;53:16;54:7;
142:11	5:10;6:5;133:18	screen (4)	55:11;64:2
requiring (1)	roster (2)	20:14;62:13;65:4;111:9	Sergeant (7)
68:7	147:12,16	scrubbed (1)	31:21;54:5;104:16,17;
research (4)	rotation (1)	46:9	120:14;122:17;127:5
83:19;94:3,21;149:13	77:20	search (5)	serve (1)
researching (1)	routing (1)	87:7,8;89:2;95:7;96:9	7:21
96:3	84:12	searched (1)	served (1)
residence (1)	RPG (1)	31:7	8:1
148:2	32:5	searching (1)	service (1)
Respect (1)	rules (4)	95:4	110:17
47:6	5:15,18;129:16,17	seat (10)	set (1)
response (3)	ruling (1)	81:15,16,19,19,20,20;	34:9
44:3;74:13,15	69:18	82:1,3,17,17	seven (4)
responsibilities (10)	run (2)	Second (11)	59:16,18;69:12,21
8:14,20;9:21;19:7;55:17;	15:18;35:19	8:10;43:21;50:17;55:5;	several (1)
77:4;83:17,19;113:16;	running (2)	72:15;76:16;78:6,7;102:19;	36:6
123:6	144:20;145:2	105:18;139:9	SF (3)
responsibility (7)	,	seconds (1)	57:14,18;58:21
19:9;20:4;29:14;33:12;	\mathbf{S}	96:20	shadow (1)
43:19;55:19;57:3		secret (18)	99:4
responsible (8)	S2 (24)	23:15,19;24:1,11;29:16,	shall (1)
16:21;25:14;58:6;67:12;	8:13;13:12,14,21;14:12;	18;49:2,3;60:13,15,17,21;	66:4
77:13;90:5;127:1,7	16:18;19:18;30:6,13;33:7;	61:1,5;62:4;73:7,12;135:6	shaped (1)
restrictions (1)	50:16;53:12;65:7;74:8;	section (21)	88:4
107:15	75:17;81:11;82:12,15;	8:12;17:9,10;20:12;	shared (1)
result (1)	83:15;84:10,13,18;85:11;	27:10;30:6,13;50:16;65:7;	30:11
68:5	111:6	67:16;69:1,5;74:5,6,9;	sheet (2)
retention (1)	S6 (9)	82:16;83:15;84:9,10;	88:2,12
66:14	36:6,9,10,14,20;39:12;	102:14;111:6	Shia (20)

14:1,5,10;20:19;33:10,	144:2;146:13,16;147:4,8,	10:3,6;46:2	10,16,18;120:12;122:12,15
15;83:16;85:13;90:3;91:20;	15,18;151:2,3	software (3)	150:14
94:17;95:18;103:9,12;	sight (1)	79:4;86:12;150:17	specialty (1)
104:4,4,7,10,12;122:9	55:2	soldier (30)	50:21
shift (70)	SIGINT (2)	24:11;25:20;26:4;43:18;	specific (13)
14:16,19,19,20;15:2,3,7,	116:2,5	51:16;53:10;54:4;56:17;	10:21;11:18;17:20;19:14;
9,16,16,19;16:1,3,3,9,10,15,	sign (17)	57:2;58:2,4,21;59:2;65:7,9,	20:17;23:1,1,8;33:12;
18,21;17:3,5,8;18:4,14,15,	24:15,17,18,19;26:4;	12;68:11;74:13;115:3;	79:16;80:12;86:12,13
	57:7;59:6,10;60:4,6,7;72:2,	120:18;134:13,16,20;135:8;	specifically (6)
16,20,21;19:1,4,8,19,21;			
20:1,4,10,15,18,19;26:7,20;	4,6;73:18;83:9;137:16	137:12,19;138:2;151:19;	21:12;37:10,21;65:13;
27:2,4,5,6;33:20;34:4,19;	signal (3)	153:2,5	66:7;95:13
41:14,18;43:6,6;77:6,7,11,	51:14,16;55:1	soldiers (16)	spectrum (2)
14;84:14;104:4,5,14,21;	Signals (1)	14:10,11;36:6;57:3;	17:19;28:14
105:3,11,13;122:5,8;123:6,	116:6	59:21;73:17;88:11;103:20;	spell (4)
9,12;124:6	signature (1)	104:2;121:1,4;128:3;	151:7,10,13,15
shifts (1)	64:11	131:14;134:9;137:6;152:19	spoke (1)
16:2	signed (10)	somebody (8)	10:18
shift's (2)	57:12;59:16;60:5,10;	32:5;45:7;115:5;121:3;	sporadic (1)
15:4;19:9	71:5;136:1,12,15,17;137:21	141:13;151:20,21;152:8	148:10
shop (6)	significant (4)	somehow (2)	Sporadically (1)
13:21;14:3,12;75:17;	87:14;89:4;90:8;110:4	40:18;72:16	148:6
81:11;82:12	signing (2)	someone (4)	spot (2)
shopping (2)	64:11;69:15	22:16;60:7;115:2;149:12	108:13;116:10
10:12;46:3	similar (5)	someone's (1)	spread (2)
short (2)	53:8;73:11;98:1;139:13;	106:2	88:2,12
53:17;104:19	145:10	sometime (1)	SSO (1)
shortcut (3)	simple (2)	34:8	127:15
132:15;133:4,5	88:8,12	sometimes (6)	SSR (1)
shortly (1)	simpler (1)	28:4;95:8;119:10;134:3;	127:21
105:6	95:6	152:4,18	Staff (3)
shoulder (1)	single (5)	soon (1)	31:21;54:5;58:4
139:8	95:13,15;96:9,19,21	13:9	stamp (1)
show (9)	SIPR (7)	sorry (11)	87:17
34:15;47:7;59:14;87:15,	23:12;117:13,17;119:1;	25:6;32:10;43:9;47:8;	standard (8)
15;101:9;112:19;137:5;	129:5,9;153:18	68:17;75:10;93:8;99:17;	21:14;45:4;57:19;58:18,
141:5	SIPRNET (29)	108:13;111:21;145:4	19;73:5;87:2;102:14
showed (2)	23:3;29:8,13;30:3,8,10;	sort (4)	standing (2)
32:4;92:16	37:7;39:8;43:1;80:7;82:16;	91:12;116:14;121:18;	43:19;149:14
showing (2)	83:5;95:4;97:8,11;107:8,13,	123:2	Starbucks (1)
56:13;135:18	19;119:10,13;131:19;135:2,	sound (1)	10:13
Showman (12)	9,11;138:19;141:9;148:4,	116:2	start (7)
7:3,5,10;25:4,6,7;45:10;	17;149:15	source (15)	13:9;15:11;25:8;82:8;
49:11;104:18;120:10,12;	site (2)	53:12;106:15,17,20;	101:18;112:2;132:4
122:12	10:1;30:7	107:8;109:15,19;144:4,6,6,	started (4)
Showman's (1)	situations (3)	20,20;146:3,10;152:7	14:19;83:13;103:3;
150:14	10:3,6;18:7	sources (21)	104:20
side (7)	size (3)	37:1;52:18;58:17;68:14;	Starting (1)
12:7,8,9;29:2;115:21;	96:11,14;135:10	70:3;80:3;108:20;109:1,1,4,	65:17
117:1;146:7	skill (1)	9,12,12;144:4,13,18;	starts (1)
sides (1)	114:14	145:20;146:6,6;152:15,15	82:5
72:13	skills (2)	South (1)	state (5)
SigAct (29)	53:5,21	94:3	7:12,12;47:3;93:16;150:2
34:10;90:1;91:14;93:11,	slide (2)	spans (1)	stated (1)
11;108:11;109:11,16;110:3,	77:9;79:8	118:10	65:17
8,10,12,19;111:9;112:2,8,	slideology (3)	spatial (1)	States (21)
12,18;113:7,9,14;115:19;	79:1,7,8	87:11	7:2;49:15;50:3;51:7;
146:5,18,20,21;151:11;	slides (4)	speaking (1)	54:9;58:15;63:19;64:14;
152:3,6	75:1;77:8;125:2,5	39:1	65:18;66:5,16;67:2,8,10;
SigActs (32)	slower (1)	special (7)	69:1,2,13,16;70:14;101:4;
33:6;85:16;90:7,8,12,14,	96:15	66:3;68:6;70:17;71:3;	144:13
17,21;91:5,11;92:2,7,11,15,	small (3)	73:8;127:11,13	station (3)
19,20;93:1;109:8,8;110:1;	90:10;93:6;96:12	Specialist (12)	32:21;79:6;86:18
117:20;141:18;142:3;	social (3)	7:20;25:4,7;84:5;104:8,	statistical (1)

		1	· · · · · · · · · · · · · · · · · · ·
34:9	34:19;123:10	45:18,21;46:1,2;47:21;	7:7;50:8;55:12;58:11;
status (3)	supervision (6)	82:9;113:20;135:16	65:6;144:2;153:13
5:11;10:10;58:9	120:4;121:11;122:8,9;	talking (15)	testify (1)
stay (2)	124:13;125:8	28:4;29:19;33:1;42:21;	61:17
18:13,15	supervisor (9)	45:3,7;48:14;77:17;98:21;	testimony (7)
stayed (2)	25:10;26:7,7;41:9;	109:12;117:3;118:19;	29:12;36:14;49:12;
11:14;18:21	105:14;120:12,14,15;	151:3;152:7,8	113:13;124:7;133:11;154:7
stealing (1)	126:16	talks (2)	theater (11)
142:10	supplement (2)	114:1;136:3	6:5,8,12;43:12,13;83:12,
stenographer (5)	106:15,18	targeting (10)	13;96:16;97:17;129:7,19
5:7,9,12,15,20	support (3)	17:9,10,11;18:8;20:12,	theater-wide (1)
steps (1)	13:14,15;130:1	17;27:10;33:14;48:8,11	99:5
71:3	supposed (5)	task (4)	theories (1)
still (11)	18:5;75:14;129:5,9;	123:15,18;125:8;147:4	53:19
17:13,17;43:10;49:13;	131:19	tasked (1)	therefore (1)
53:20;55:3;58:6;70:4;	sure (17)	34:8	23:19
132:7;143:5;150:20	8:21;19:13;29:11;36:3,	taskings (1)	thinking (2)
stipulate (1)	13;46:8;71:4;72:17;93:20;	8:19	139:2;154:10
131:7	98:10;113:12;117:3;	tasks (5)	third (2)
stop (1)	127:17;132:16;138:12;	27:18,21;79:16;88:12;	68:16;82:7
139:9	141:1,2	124:2	though (5)
stopped (6)	surf (1)	Tau (2)	26:17;103:1;116:17;
108:1;149:16,20;150:3,	153:18	104:17;122:17	120:6;122:8
14,21	surge (1)	taught (1)	thought (6)
strategic (2)	74:17	44:21	30:1,4;43:10;60:17;80:2,
145:7,12	sustain (1)	tea (1)	2
strikes (1)	101:10	114:11	threat (6)
94:12	sustaining (1)	teach (1)	23:8;35:3;83:20;90:2;
	47:1	37:6	103:10,12
strong (1) 14:5	sworn (2)	Team (15)	three (8)
structure (2)	7:6;50:7	8:10,16,17;9:5;25:12,13,	13:1;66:12;67:4;81:7;
84:3,4	synopsis (1)	14;55:1;83:16;84:1,2,3;	92:15;104:1;118:11;148:15
structured (1)	59:4	103:9,12;122:9	throughout (4)
structured (1) 102:8	59:4 SYOPS (1)	103:9,12;122:9 technical (2)	throughout (4) 42:6;73:14;98:3;140:15
structured (1) 102:8 stuff (7)	59:4 SYOPS (1) 116:14	103:9,12;122:9 technical (2) 6:11;84:2	throughout (4) 42:6;73:14;98:3;140:15 thumb (1)
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2;	59:4 SYOPS (1) 116:14 system (20)	103:9,12;122:9 technical (2) 6:11;84:2 technician (1)	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3;	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12)
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1)	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5;	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1)	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16;
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6,	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16; 102:20;124:8;125:11,14;
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2)	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1)	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16; 102:20;124:8;125:11,14; 141:19;142:16,17;143:3
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5)	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16; 102:20;124:8;125:11,14; 141:19;142:16,17;143:3 timeframes (2)
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1)	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1)	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16; 102:20;124:8;125:11,14; 141:19;142:16,17;143:3 timeframes (2) 78:2;92:3
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16; 102:20;124:8;125:11,14; 141:19;142:16,17;143:3 timeframes (2) 78:2;92:3 timely (1)
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1)	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5)	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4)	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16; 102:20;124:8;125:11,14; 141:19;142:16,17;143:3 timeframes (2) 78:2;92:3 timely (1) 27:21
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16; 102:20;124:8;125:11,14; 141:19;142:16,17;143:3 timeframes (2) 78:2;92:3 timely (1) 27:21 times (20)
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1)	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1)	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6)	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16; 102:20;124:8;125:11,14; 141:19;142:16,17;143:3 timeframes (2) 78:2;92:3 timely (1) 27:21 times (20) 6:11;9:17;15:17;16:7;
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1) 102:15	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1) 78:18	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6) 49:17;96:13;114:17;	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16; 102:20;124:8;125:11,14; 141:19;142:16,17;143:3 timeframes (2) 78:2;92:3 timely (1) 27:21 times (20) 6:11;9:17;15:17;16:7; 18:11;54:17,18;75:11;78:4;
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1) 102:15 sufficient (1)	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1) 78:18 tactical (3)	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6) 49:17;96:13;114:17; 137:15;148:6,10	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16; 102:20;124:8;125:11,14; 141:19;142:16,17;143:3 timeframes (2) 78:2;92:3 timely (1) 27:21 times (20) 6:11;9:17;15:17;16:7; 18:11;54:17,18;75:11;78:4; 92:1;106:13;119:12;
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1) 102:15 sufficient (1) 49:17	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1) 78:18 tactical (3) 53:12;145:17,18	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6) 49:17;96:13;114:17; 137:15;148:6,10 tend (1)	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16; 102:20;124:8;125:11,14; 141:19;142:16,17;143:3 timeframes (2) 78:2;92:3 timely (1) 27:21 times (20) 6:11;9:17;15:17;16:7; 18:11;54:17,18;75:11;78:4; 92:1;106:13;119:12; 123:13;124:1;131:16;
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1) 102:15 sufficient (1) 49:17 suite (1)	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1) 78:18 tactical (3) 53:12;145:17,18 tactics (2)	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6) 49:17;96:13;114:17; 137:15;148:6,10 tend (1) 133:21	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16; 102:20;124:8;125:11,14; 141:19;142:16,17;143:3 timeframes (2) 78:2;92:3 timely (1) 27:21 times (20) 6:11;9:17;15:17;16:7; 18:11;54:17,18;75:11;78:4; 92:1;106:13;119:12; 123:13;124:1;131:16; 147:18;148:7,10;151:18;
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1) 102:15 sufficient (1) 49:17 suite (1) 86:13	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1) 78:18 tactical (3) 53:12;145:17,18 tactics (2) 90:18;139:4	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6) 49:17;96:13;114:17; 137:15;148:6,10 tend (1) 133:21 tended (1)	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16; 102:20;124:8;125:11,14; 141:19;142:16,17;143:3 timeframes (2) 78:2;92:3 timely (1) 27:21 times (20) 6:11;9:17;15:17;16:7; 18:11;54:17,18;75:11;78:4; 92:1;106:13;119:12; 123:13;124:1;131:16; 147:18;148:7,10;151:18; 153:14
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1) 102:15 sufficient (1) 49:17 suite (1) 86:13 summary (2)	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1) 78:18 tactical (3) 53:12;145:17,18 tactics (2) 90:18;139:4 tag (1)	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6) 49:17;96:13;114:17; 137:15;148:6,10 tend (1) 133:21 tended (1) 92:1	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16; 102:20;124:8;125:11,14; 141:19;142:16,17;143:3 timeframes (2) 78:2;92:3 timely (1) 27:21 times (20) 6:11;9:17;15:17;16:7; 18:11;54:17,18;75:11;78:4; 92:1;106:13;119:12; 123:13;124:1;131:16; 147:18;148:7,10;151:18; 153:14 Title (1)
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1) 102:15 sufficient (1) 49:17 suite (1) 86:13 summary (2) 79:10,12	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1) 78:18 tactical (3) 53:12;145:17,18 tactics (2) 90:18;139:4 tag (1) 80:1	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6) 49:17;96:13;114:17; 137:15;148:6,10 tend (1) 133:21 tended (1) 92:1 Tenth (4)	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16; 102:20;124:8;125:11,14; 141:19;142:16,17;143:3 timeframes (2) 78:2;92:3 timely (1) 27:21 times (20) 6:11;9:17;15:17;16:7; 18:11;54:17,18;75:11;78:4; 92:1;106:13;119:12; 123:13;124:1;131:16; 147:18;148:7,10;151:18; 153:14 Title (1) 69:2
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1) 102:15 sufficient (1) 49:17 suite (1) 86:13 summary (2) 79:10,12 Sunni (7)	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1) 78:18 tactical (3) 53:12;145:17,18 tactics (2) 90:18;139:4 tag (1) 80:1 tagging (2)	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6) 49:17;96:13;114:17; 137:15;148:6,10 tend (1) 133:21 tended (1) 92:1 Tenth (4) 8:10;22:10;50:12;55:13	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16; 102:20;124:8;125:11,14; 141:19;142:16,17;143:3 timeframes (2) 78:2;92:3 timely (1) 27:21 times (20) 6:11;9:17;15:17;16:7; 18:11;54:17,18;75:11;78:4; 92:1;106:13;119:12; 123:13;124:1;131:16; 147:18;148:7,10;151:18; 153:14 Title (1) 69:2 TOC (3)
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1) 102:15 sufficient (1) 49:17 suite (1) 86:13 summary (2) 79:10,12 Sunni (7) 14:1,5,7,11;20:20;21:8;	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1) 78:18 tactical (3) 53:12;145:17,18 tactics (2) 90:18;139:4 tag (1) 80:1 tagging (2) 57:6;106:5	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6) 49:17;96:13;114:17; 137:15;148:6,10 tend (1) 133:21 tended (1) 92:1 Tenth (4) 8:10;22:10;50:12;55:13 term (1)	throughout (4) 42:6;73:14;98:3;140:15 thumb (1) 73:2 timeframe (12) 11:21;18:19;19:5;38:16; 102:20;124:8;125:11,14; 141:19;142:16,17;143:3 timeframes (2) 78:2;92:3 timely (1) 27:21 times (20) 6:11;9:17;15:17;16:7; 18:11;54:17,18;75:11;78:4; 92:1;106:13;119:12; 123:13;124:1;131:16; 147:18;148:7,10;151:18; 153:14 Title (1) 69:2 TOC (3) 12:13;19:10;20:2
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1) 102:15 sufficient (1) 49:17 suite (1) 86:13 summary (2) 79:10,12 Sunni (7) 14:1,5,7,11;20:20;21:8; 104:12	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1) 78:18 tactical (3) 53:12;145:17,18 tactics (2) 90:18;139:4 tag (1) 80:1 tagging (2) 57:6;106:5 talk (19)	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6) 49:17;96:13;114:17; 137:15;148:6,10 tend (1) 133:21 tended (1) 92:1 Tenth (4) 8:10;22:10;50:12;55:13 term (1) 39:20	throughout (4)
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1) 102:15 sufficient (1) 49:17 suite (1) 86:13 summary (2) 79:10,12 Sunni (7) 14:1,5,7,11;20:20;21:8; 104:12 superseded (1)	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1) 78:18 tactical (3) 53:12;145:17,18 tactics (2) 90:18;139:4 tag (1) 80:1 tagging (2) 57:6;106:5 talk (19) 10:3,5,11,14,20,21;28:10;	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6) 49:17;96:13;114:17; 137:15;148:6,10 tend (1) 133:21 tended (1) 92:1 Tenth (4) 8:10;22:10;50:12;55:13 term (1) 39:20 terminal (1)	throughout (4)
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1) 102:15 sufficient (1) 49:17 suite (1) 86:13 summary (2) 79:10,12 Sunni (7) 14:1,5,7,11;20:20;21:8; 104:12 superseded (1) 123:15	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1) 78:18 tactical (3) 53:12;145:17,18 tactics (2) 90:18;139:4 tag (1) 80:1 tagging (2) 57:6;106:5 talk (19) 10:3,5,11,14,20,21;28:10; 32:18;46:4,6;85:5;98:20;	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6) 49:17;96:13;114:17; 137:15;148:6,10 tend (1) 133:21 tended (1) 92:1 Tenth (4) 8:10;22:10;50:12;55:13 term (1) 39:20 terminal (1) 61:3	throughout (4)
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1) 102:15 sufficient (1) 49:17 suite (1) 86:13 summary (2) 79:10,12 Sunni (7) 14:1,5,7,11;20:20;21:8; 104:12 superseded (1) 123:15 supervise (4)	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1) 78:18 tactical (3) 53:12;145:17,18 tactics (2) 90:18;139:4 tag (1) 80:1 tagging (2) 57:6;106:5 talk (19) 10:3,5,11,14,20,21;28:10; 32:18;46:4,6;85:5;98:20; 105:16;124:5;125:21;	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6) 49:17;96:13;114:17; 137:15;148:6,10 tend (1) 133:21 tended (1) 92:1 Tenth (4) 8:10;22:10;50:12;55:13 term (1) 39:20 terminal (1) 61:3 termination (2)	throughout (4)
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1) 102:15 sufficient (1) 49:17 suite (1) 86:13 summary (2) 79:10,12 Sunni (7) 14:1,5,7,11;20:20;21:8; 104:12 superseded (1) 123:15 supervise (4) 17:3;100:2;115:3;125:10	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1) 78:18 tactical (3) 53:12;145:17,18 tactics (2) 90:18;139:4 tag (1) 80:1 tagging (2) 57:6;106:5 talk (19) 10:3,5,11,14,20,21;28:10; 32:18;46:4,6;85:5;98:20; 105:16;124:5;125:21; 126:11,13;138:5;144:7	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6) 49:17;96:13;114:17; 137:15;148:6,10 tend (1) 133:21 tended (1) 92:1 Tenth (4) 8:10;22:10;50:12;55:13 term (1) 39:20 terminal (1) 61:3 termination (2) 68:5,8	throughout (4)
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1) 102:15 sufficient (1) 49:17 suite (1) 86:13 summary (2) 79:10,12 Sunni (7) 14:1,5,7,11;20:20;21:8; 104:12 superseded (1) 123:15 supervise (4) 17:3;100:2;115:3;125:10 supervised (4)	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1) 78:18 tactical (3) 53:12;145:17,18 tactics (2) 90:18;139:4 tag (1) 80:1 tagging (2) 57:6;106:5 talk (19) 10:3,5,11,14,20,21;28:10; 32:18;46:4,6;85:5;98:20; 105:16;124:5;125:21; 126:11,13;138:5;144:7 talked (16)	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6) 49:17;96:13;114:17; 137:15;148:6,10 tend (1) 133:21 tended (1) 92:1 Tenth (4) 8:10;22:10;50:12;55:13 term (1) 39:20 terminal (1) 61:3 termination (2) 68:5,8 terms (2)	throughout (4)
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1) 102:15 sufficient (1) 49:17 suite (1) 86:13 summary (2) 79:10,12 Sunni (7) 14:1,5,7,11;20:20;21:8; 104:12 superseded (1) 123:15 supervise (4) 17:3;100:2;115:3;125:10 supervised (4) 17:4;33:18;115:6;124:5	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1) 78:18 tactical (3) 53:12;145:17,18 tactics (2) 90:18;139:4 tag (1) 80:1 tagging (2) 57:6;106:5 talk (19) 10:3,5,11,14,20,21;28:10; 32:18;46:4,6;85:5;98:20; 105:16;124:5;125:21; 126:11,13;138:5;144:7 talked (16) 10:8;21:11;25:9;27:16;	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6) 49:17;96:13;114:17; 137:15;148:6,10 tend (1) 133:21 tended (1) 92:1 Tenth (4) 8:10;22:10;50:12;55:13 term (1) 39:20 terminal (1) 61:3 termination (2) 68:5,8 terms (2) 68:13;79:2	throughout (4)
structured (1) 102:8 stuff (7) 23:6;31:1;85:4;87:2; 106:20;114:1;125:3 subordinate (1) 52:20 subscribe (2) 98:15,16 Subsequent (1) 142:1 substantial (1) 142:12 Subversion (1) 102:15 sufficient (1) 49:17 suite (1) 86:13 summary (2) 79:10,12 Sunni (7) 14:1,5,7,11;20:20;21:8; 104:12 superseded (1) 123:15 supervise (4) 17:3;100:2;115:3;125:10 supervised (4)	59:4 SYOPS (1) 116:14 system (20) 22:3,3,7;23:11;49:2,3; 51:11;56:10;61:10;79:5; 80:6;83:8;86:1,3,7,16;88:6, 20;111:13,20 systems (5) 44:15,20;48:12,13;85:20 T table (1) 78:18 tactical (3) 53:12;145:17,18 tactics (2) 90:18;139:4 tag (1) 80:1 tagging (2) 57:6;106:5 talk (19) 10:3,5,11,14,20,21;28:10; 32:18;46:4,6;85:5;98:20; 105:16;124:5;125:21; 126:11,13;138:5;144:7 talked (16)	103:9,12;122:9 technical (2) 6:11;84:2 technician (1) 51:2 telling (1) 5:19 tempo (1) 20:3 temporarily (1) 154:6 Temporary (4) 49:9,10;154:4,5 Ten (6) 49:17;96:13;114:17; 137:15;148:6,10 tend (1) 133:21 tended (1) 92:1 Tenth (4) 8:10;22:10;50:12;55:13 term (1) 39:20 terminal (1) 61:3 termination (2) 68:5,8 terms (2)	throughout (4)

PFC Bradley E. Manning	0/5/13 1/10[1	ing Session	June 5, 2015
4 1 (4)	4 (5)	** (22)	(1)
took (4)	trust (5)	unit (23)	utilize (1)
15:8;21:18;53:12;81:15	66:4,9;68:7;149:6,10	8:9;12:16;24:11;31:3;	117:15
tool (6)	try (1)	56:17,18;59:14,16;76:13,	utilizing (1)
86:17,20;87:11;95:17;	95:11	14;82:2,4;90:9;110:13,13;	70:2
97:16,21	trying (3)	111:5;112:3;142:16;	
top (15)	78:2;87:19;116:8	147:20;151:4;152:8,21;	\mathbf{V}
60:15,17,21;61:1,5;62:4;	TS (1)	153:5	•
			1 (1)
63:19;64:3,5;65:11,14,17;	24:12	United (17)	value (1)
73:7,12;91:16	T-SCIF (12)	7:2;49:15;50:3;51:7;	92:9
topic (1)	22:13;35:7,9,19;37:14;	54:9;64:14;65:18;66:4,16;	varies (1)
10:7	38:2,7,12;127:1,2;128:2,3	67:2,8,10;68:21;69:2,16;	114:20
topical (1)	Tuesday (1)	101:4;144:13	variety (1)
92:19	6:2	units (10)	80:10
topics (1)	turn (1)	13:5,9,17;19:11,16;	various (6)
9:16	85:4	21:17;23:3;31:1;40:11;	` /
			22:19;35:3;52:18;103:13;
Total (1)	turns (1)	52:21	108:19,20
76:2	21:7	unit's (1)	Vehicle-borne (1)
toward (1)	twice (4)	110:9	93:9
142:7	76:14,15,15;130:18	unless (2)	vehicles (1)
Towards (3)	two (16)	67:6;69:16	99:3
120:8,8,9	8:1;11:15;13:1,4;15:17;	unlocked (1)	verified (3)
track (1)	18:11;47:6;50:3,11;54:21;	143:7	57:17;58:5;67:7
118:7	64:10;67:4;70:7;103:20;	Unmanned (1)	verify (5)
		` '	• ` '
trades (2)	118:10;120:9	99:3	27:3;57:4;58:21;60:5;
106:3,6	type (18)	up (24)	123:19
trailer (2)	14:8;21:13;23:10;39:10;	13:11;15:4,10;20:3;38:6,	version (3)
6:8,14	53:1;61:21;74:18;78:19;	8;56:12;57:4;59:14;73:3;	86:20;95:6;146:11
trained (1)	80:6;93:3,4;112:7;124:13;	75:16;79:13;85:5;92:17;	video (10)
24:4	146:20;147:10,14;152:2,5	105:10;111:2;112:7,21;	31:9,12,19;32:1,4,18;
training (40)	typed (1)	113:7,15;115:15;121:18;	33:1;39:2,17;48:3
22:7,12;24:4,6,10;26:13;	151:11	132:4;137:5	videos (3)
30:17;37:4,6;44:8,9,10,11,	types (6)	upcoming (1)	31:16;48:13;130:15
12,16,21;45:4,8;53:1,3,4,9,	74:21;90:12;92:3,21;	15:2	view (2)
18,20;76:8,12,13;78:8,19,	131:19;146:21	update (2)	62:13;111:9
21;79:3,4;100:14;102:6,13,	typically (8)	14:21;44:11	violated (1)
15,16;115:1,2;129:2	9:20;10:7;14:18;21:7;	updated (2)	136:5
transition (3)	22:21;44:10;59:10;137:12	24:9;112:9	violation (1)
12:19,21;13:5	typing (1)	uploaded (1)	68:21
translated (1)	151:19	90:12	violations (1)
17:1	131.17	upon (5)	68:21
	U	59:11;66:9;82:10;113:13;	
transmissions (1)	U		visualize (1)
51:11		124:7	29:17
traveled (1)	UAS (2)	use (21)	voluntarily (1)
12:2	99:1,2	6:10;22:5;23:5,6;40:9;	72:1
treat (1)	UAV (2)	85:21;86:14;87:13,15,17;	
23:16	99:1,2	88:2,4;89:15,17;90:13;92:2,	\mathbf{W}
treated (1)	ultimately (1)	11;95:9;96:10;97:2;115:18	
23:17	13:14	used (21)	wait (3)
trend (2)	unauthorized (7)	6:13;22:3;25:6;40:10;	43:21;78:2;139:9
53:4;87:17	58:17;66:14,14;68:14,20;	56:11,12;63:19;66:17;73:6;	wanton (2)
trends (1)	70:3;100:16	86:1;88:11;93:16;95:17;	47:7,8
118:7	unclas (1)	97:16;98:3,9;99:7;108:16;	wantonly (1)
trial (3)	116:8	115:21;116:4;153:14	47:10
6:18;49:13;154:9	unclassified (7)	user (6)	wants (1)
trickling (1)	37:17;83:4;91:1;93:17;	41:21;42:4;83:5,6,9;	131:4
82:8	116:7;144:12,16	97:18	war (1)
tried (1)	under (8)	using (11)	145:6
85:17	5:17;39:12;84:9,11;	79:2;87:8;90:19;95:17;	Warrant (6)
trouble (4)	120:3;121:10;124:12;125:8	98:6;115:11;139:4,5,13,14;	50:3,11;51:3;53:2;84:11;
68:15;69:8,9;136:4	understood (4)	146:17	101:18
true (6)	71:4,7,9;138:12	usually (6)	watch (3)
62:15;109:1,15;123:20;	uniform (1)	95:11;111:8;112:11;	48:9;149:12;153:15
144:3,3	9:1	138:11;144:19;147:16	watched (2)
			<u> </u>

PFC Bradley E. Manning	0/5/13 1/10[1	ning Session	June 5, 2013
48.12.140.1	54:9		2011 (2)
48:12;149:1		_	` '
watching (6)	Word (1)	${f Z}$	7:18;9:11
32:7,11,20;82:1;103:13;	79:13		2013 (1)
153:17	words (3)	Zooma (1)	5:3
way (5)	106:7;113:13;153:14	39:4	210 (8)
14:3;87:7;89:12;111:10;	work (42)	37.1	11:11;13:2;56:20;58:4;
116:8	8:12;9:14;12:10,14;15:2;	0	60:13;73:6;80:15;99:11
ways (6)	21:11,13,14;25:9;27:13,16;	U	2200 (4)
88:1,5,7;151:7,10,13	33:7,18;41:11;42:11;43:4,		16:3,4,8,8
		03 (1)	
weapon (1)	7;48:10;53:5;55:1;74:5;	54:21	24 (2)
48:12	79:5,15;84:14,16,20;85:3,7,	04 (2)	112:8;149:12
weapons (1)	13;86:18;89:20,21;106:15,	54:7,21	250,000 (1)
48:13	18;107:8;114:19;124:2;	08 (1)	150:1
web-based (2)	125:18,19;131:16;148:2;	55:6	25th (1)
87:5;89:2	153:14	33:0	11:19
week (6)	worked (19)	4	26 (1)
		1	
9:14;13:4,4;15:20;16:1;	12:12;17:11;33:9,15;		7:18
148:8	42:8;50:16;53:20;55:1,4,5;	1(1)	28th (1)
weeks (3)	57:21;74:8,11;79:10;84:15,	71:10	11:19
11:15;13:1;81:8	21;136:13;149:5,10	10 (2)	
weren't (5)	working (20)		3
34:20;123:10;126:17;	10:12,13;11:1,3;14:14;	55:6;102:10	
153:16,19	15:11;17:8,17;26:20;34:18;	10:30 (1)	30 (3)
		49:19	
WGet (1)	41:13,13;42:15;43:6,6;	1000 (4)	14:18;15:18;148:12
97:4	48:8;65:4;78:15;81:14;	16:3,4,8,8	31 (1)
whatnot (3)	103:20	11 (7)	51:11
110:18;129:2;141:4	work-related (1)	11:10;14:13;70:8,21;	312 (2)
what's (8)	153:16	71:4,10;136:21	58:19,21
56:11;57:9;100:10;114:7;	world (2)		35 (23)
135:19;139:2;145:13;	74:17;85:13	12 (1)	8:4,16,17,20;13:20;14:12,
		15:16	
148:14	worldwide (1)	1330 (1)	17;15:10;21:9,12;33:3;
whenever (1)	74:12	154:13	51:18;52:1,1,3;53:7,11;
25:17	wrap (1)	150 (1)	59:8,10;60:17;95:18;102:3,
Whereupon (2)	85:5	90:11	6
7:4;50:5	write (4)	15-6 (1)	350 (2)
white (1)	26:3;70:9;152:2,11		51:1;53:7
80:5	write-up (1)	95:21	382 (3)
	91:3	17 (1)	` '
whole (9)		64:2	12:18;81:13;82:12
15:21;51:8;118:4,7,8,13;	writing (1)	18 (1)	3rd (1)
138:16;148:8,9	151:4	69:2	5:3
Whose (1)	written (2)	37.2	-
64:3	67:9;144:10	2	4
WikiLeaks (1)	wrong (3)	2	
96:3	33:21;67:1;112:8	2002 (1)	4 (1)
withdraw (1)	wrongfully (1)	2002 (1)	76:11
		51:6	
100:11	47:11	2005 (1)	440 (1)
Within (6)	wrote (1)	55:3	55:1
34:12;74:9;92:2;99:7;	64:5	2006 (6)	440th (1)
144:13;147:8	Ws (1)	51:19,21;55:3,4,8;103:1	55:3
without (2)	110:4	2007 (3)	48 (2)
95:12,15			112:8,17
witness (24)	Y	55:5,15,17	
7:1,6;16:8;36:1;45:13;	•	2008 (10)	5
	(F)	50:19;53:16;55:11;64:2;	J
49:14;50:7;60:4,6;63:10;	year (5)	76:19;77:21;78:1,3,11,12	= 0 (d)
64:11;72:20;73:21;86:6;	92:17;118:4,7,8,13	2009 (7)	50 (1)
113:6;130:19;131:1,6;	years (6)	8:8;9:7,10;11:10;80:14;	151:6
132:11,17;135:19,20;	8:1;59:18,19;63:20;	102:20;142:17	563 (1)
			5:6
	92:15:136:10		
137:10;153:21	92:15;136:10 vesterday (1)	2009-2010 (1)	2.0
137:10;153:21 witnessed (1)	yesterday (1)	141:19	
137:10;153:21 witnessed (1) 150:5	yesterday (1) 6:12	141:19 2010 (16)	6
137:10;153:21 witnessed (1) 150:5 witnesses (2)	yesterday (1) 6:12 younger (1)	141:19	6
137:10;153:21 witnessed (1) 150:5	yesterday (1) 6:12	141:19 2010 (16)	

PFC Bradley E. Manning	6/5/13 Mori	ning Session	June 5, 2013
65:1;135:18,20;137:9 631 (1) 142:7			
641 (1) 69:2			
7			
793 (1) 101:5			
8			
8 (6) 72:11,20;73:3,4,21;74:1 82nd (1) 82:7 86 (2) 57:14,18			